Catalog

Scientific equipment for microbiology

Distributed By:

LYNCHWOOD DIAGNOSTICS

interscience

Our quality for your lab!

Since 1979, interscience has been inventing, manufacturing and ensuring lifetime support for the preparation and analysis of solid samples in microbiology labs.

Made in France, interscience products are publicly acclaimed by users for being highly efficient. Our heavy investment in R&D enables us to provide the most reliable products on the market. Today interscience is recognized throughout the world: our products are used in more than 80 countries.

The BagMixer® lab blender, ensuring quick and safe microbiological analyses has become a world best-seller in labs.

Discover the new Flexi*Pump*® range for culture media preparation and the easySpiral Dilute®, the only automatic diluter and plater on the market. Together with the Scan® automatic colony counters they reach an unequalled level of efficiency.

We stand behind our products with worldwide service around the clock. At your service to give you the best information, technical advice and support, we are committed to provide you with the products that guarantee the most enjoyable experience.

Emmanuel Jalenques
Chief Executive Officer

Jules Jalenques
Chief Executive Officer

interscience

ABOUT US

François Jalenques

1979
François Jalenques, physicist, creates interscience (Paris, France).

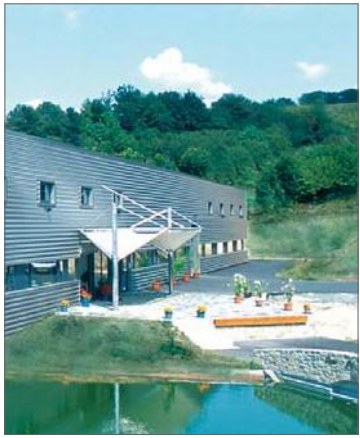
1979
With Dr. Ed Campbell, launching of the automatic bacterial plater of Petri dishes **Spiral® DS**.

2002
Opening interscience USA/Canada (Boston, USA).

2006
Launching of the **Scan®** automatic colony counter.

2007
BagMixer® patent: removable **Click and Clean®** paddles.

2008
Opening interscience China (Shanghai, China).



interscience
R&D center and manufacturing plant

2009
10,000th BagMixer® sold.

2010
Launching of the **Plate & Count System®** and the easy**Spiral®**, 3rd generation of Spiral® platers.

2011
R&D center and **manufacturing plant** extension (Mourjou, France).

2012
Launching of the **NEW Flexi*Pump*®** range
Launching of the **NEW** easy**Spiral** Dilute®

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ISO 9001 2008 · RoHS 2002/95/EC · WEEE 2002/96/EC · CE · MADE IN FRANCE

MICROBIOLOGICAL ANALYSIS: from sample preparation...

1 Collecting the sample

• Place the sample in a **BagPage®** sterile filter bag. The bag stands upright with a **BagOpen®**.

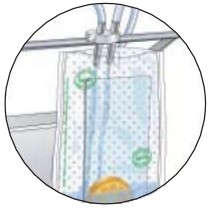
2 Diluting the sample

• Weigh the sample with the **Gravimat®** dilutor.

3 sec./precision: 98%

• **Gravimat®** dilutor automatically adds the appropriate mass of diluent.

10 sec./precision: 98%



3 Homogenizing the sample

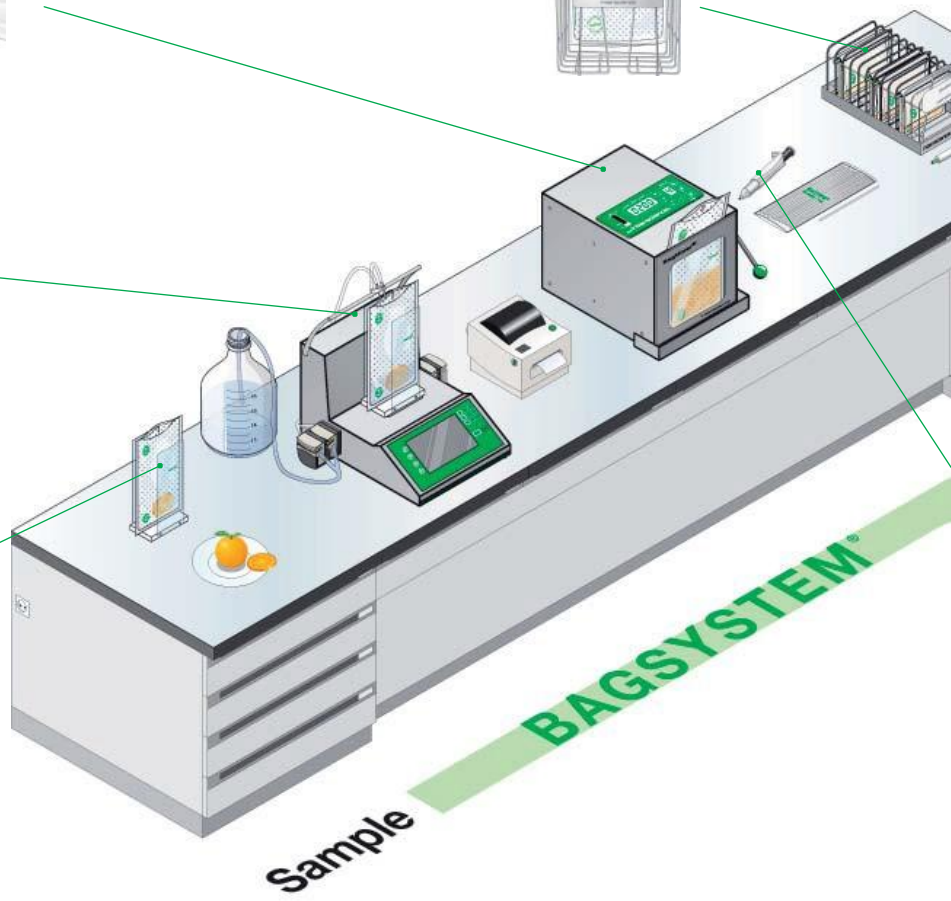
• The sample is homogenized with the **BagMixer®**. There is no contact between the sample and the machine to avoid cross-contamination.

• The bacteria are quickly extracted from the sample without being destroyed.

1 min.

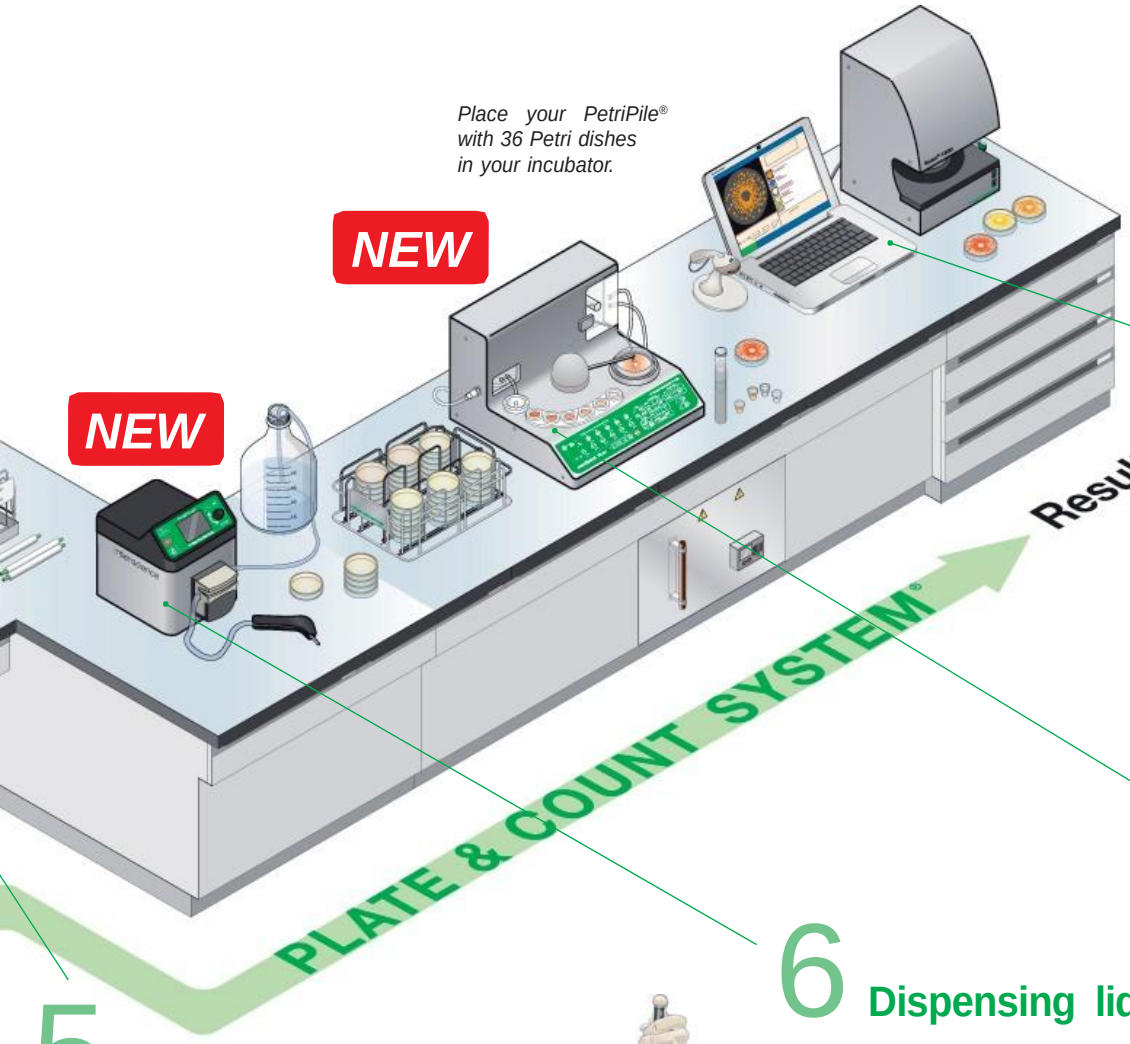
4 Organizing the samples

• The homogenized samples are closed with **BagClip®** and stored in the **BagRack®**.



...to bacterial analysis

interscience



8 Counting the colonies

- With the automatic **Scan**® colony counter, get bacterial results in 1 second. Images and results are automatically saved on your computer to ensure traceability.

5 sec./precision: 98%

CFU images/results/samples data available in:

Excel™ file

Printed PDF report

Recountable Scan® file

7 Automatic plating

- Place your filtered sample in a sterile beaker.
- The spiral plater easy**Spiral** Dilute® automatically dilutes and plates the sample on 1 Petri dish, avoiding several manual dilutions. Sensitivity of 30 to 1 trillion CFU/mL.

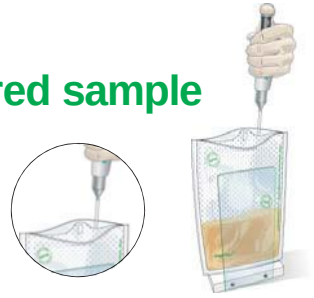
133 sec. (for 1 disinfection, 5 dilutions and 1 plating)/precision: 98%

6 Dispensing liquids

- With **Flexi*Pump***® serial dispensing is precise and efficient.

5 Pipet the filtered sample

- With **BagPipet**®, pipet the filtered sample easily thanks to the integrated filter of the bag.



BagSystem® How to prepare your sample?

The BagSystem® is a full range of products for the quick and safe preparation of the sample before its microbiological analysis.

- No risk of cross-contamination
- Accurate results and excellent reproducibility
- Significantly increases your analyzing capacities

1 Collect the sample

Place the sample in a **BagPage®** or in a **BagFilter®** sterile bag.

2 Dilute the sample

Add the diluent with **Gravimat®**, gravimetric dilutor.

3 Homogenize the sample

The sample is homogenized with its diluent in the **BagMixer®** lab blender. The filtration of the sample occurs in the filter bag during blending.

4 Pipet the filtrate

Pipet the sample with **BagPipet®**. Filtration is sterile and instant. The sample is ready for plating and analysis.

5 Prepare your media

Prepare your media (in test tubes, bottles and Petri dishes) for optimal plating of the sample with **Flexi*Pump*®**.

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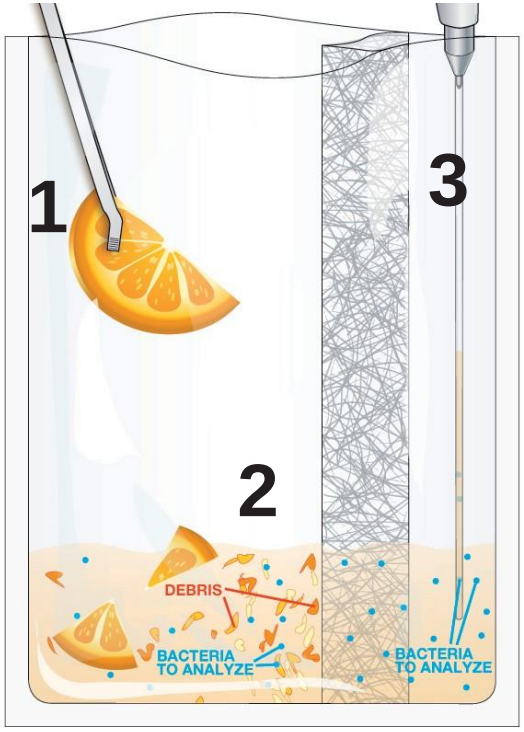
BagSystem® Why use a filter bag?

1 Drop the solid sample **2** Add diluent and blend **3** Pipet the filtered sample, plate & incubate your sample **4** Count the colonies

From sample preparation...



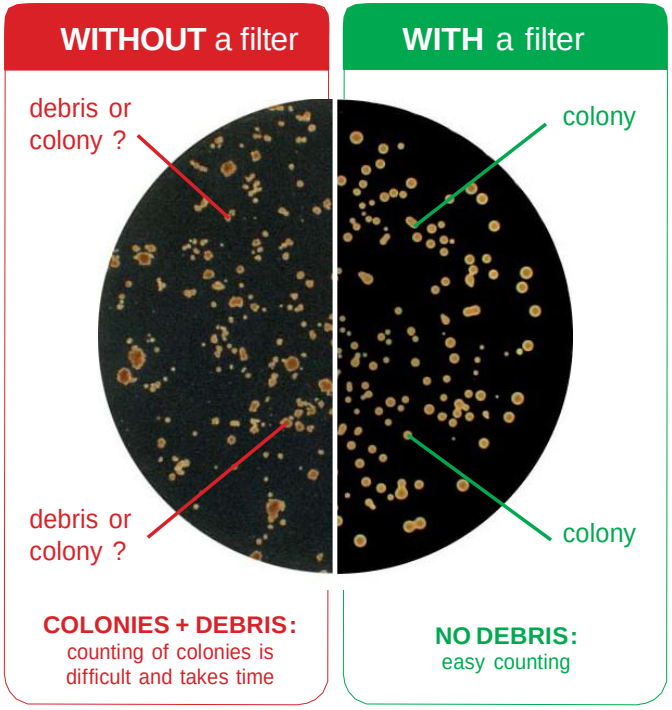
Homogenization and filtration are done at the same time for a quick pipetting without particles.

Better sample preparation

- No sedimentation required
- No blocked pipet

... to bacterial analysis

4



Lactobacillus analysis in a cheese sample, plated on MRS agar incubated at 30°C for 48 h.

The filter blocks the debris during blending. The bacterial concentration remains on both sides of the filter.

Better colony counting

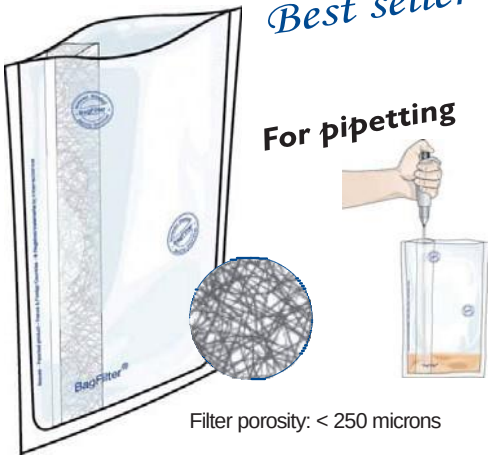
- Increased accuracy
- Faster counting

BagFilter® Lateral filter bags

Sterile filter bag for the homogenization and automatic filtration of the sample.

Lateral filter, ideal for fibrous sample

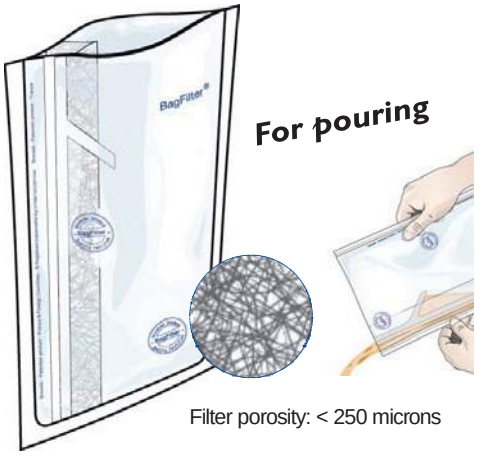
Best seller



Filter porosity: < 250 microns

BagFilter® P

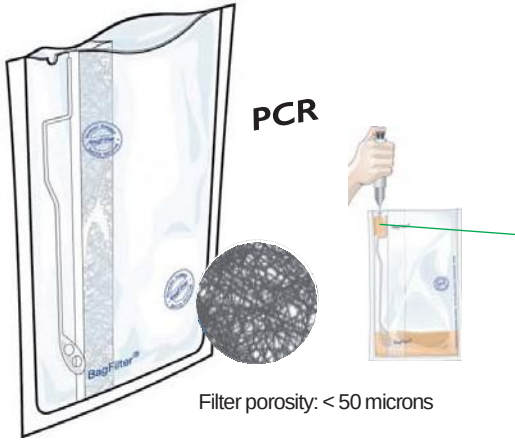
- Ideal for pipetting
- Multilayer®: multicoated reinforced complex
- Lateral non-woven filter
- Porosity of the filter: < 250 microns
- Available in 400/3500 mL



Filter porosity: < 250 microns

BagFilter® S

- Ideal for pouring: with a weld to retain particles
- Multilayer®: multicoated reinforced complex
- Lateral non-woven filter
- Porosity of the filter: < 250 microns
- Available in 400 mL



Pocket for easy pipetting of small samples

Filter porosity: < 50 microns

BagFilter Pull-Up® Patented

- Ideal for pipetting small volumes: δ1000 µL
- Multilayer®: multicoated reinforced complex
- Lateral non-woven filter
- Porosity of the filter: < 50 microns
- Available in 400 mL

Technical specifications

BagFilter®	400 P	400 S	Pull-Up® 400	3500 P
Nominal volume	400 mL	400 mL	400 mL	3500 mL
Useful volume	50 - 300 mL	50 - 300 mL	50 - 300 mL	200 - 3500 mL
Bag dimensions	190 x 300 mm	190 x 300 mm	190 x 300 mm	380 x 510 mm
Sterile pack of	10 or 25	10 or 25	25	10
Box of	500	500	500	100
Reference	111 410 or 111 425	112 410 or 112 425	111 625	113 510

Advantages

- Same bag for homogenization, filtration and pipetting
- Particle-free solution: easy reading of the colonies
- Compatible with any blender
- Sterile, approved for food contact

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BagPage® Full-page filter bags

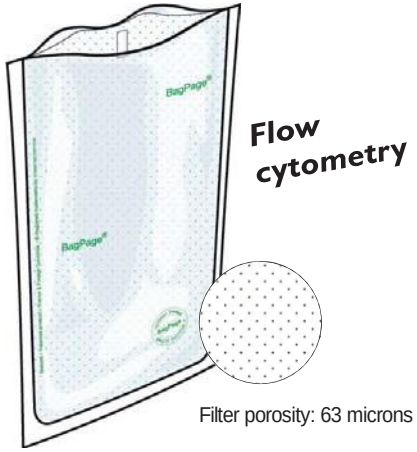
PATENTED

Sterile filter bag for the homogenization and automatic filtration of the sample. A unique system of welding on the bag ensures error-free pipetting.

Full-page filter, ideal for pasty sample

Best seller

Filter porosity: 280 microns



Filter porosity: 63 microns

Filter porosity: < 250 microns

Filter porosity: 280 microns

BagPage®+

- Multilayer®: reinforced multicoated complex
- Full-page calibrated microperforated filter
- Filter porosity: 280 microns
- Also available: **BagPage® U** (round bottom for circulating blenders)
- Available in 80/100/400/3500 mL

BagPage® F

- For flow cytometry, PCR
- Multilayer®: reinforced multicoated complex
- Full-page calibrated microperforated filter
- Low porosity filter: 63 microns
- Available in 400 mL

BagPage® R

- Multilayer®: reinforced multicoated complex
- Non-woven full-page filter
- Filter porosity: < 250 microns
- Available in 400 mL

BagPage® XR

- New material: 50% thicker
- Full-page calibrated microperforated filter
- Filter porosity: 280 microns
- For hard-to-blend samples
- Available in 400 mL

Advantages

- Large convenient opening
- Indication for easy pipetting
- Instant filtration during homogenization
- Particle-free solution: easy counting of the colonies
- Compatible with any blender
- Sterile, approved for food contact

Technical specifications

BagPage®	80	100	+ 400	400 U	400 F	400 R	400 XR	3500
Nominal volume	80 mL	100 mL	400 mL	400 mL	400 mL	400 mL	400 mL	3500 mL
Useful volume	5 - 40 mL	5 - 50 mL	50 - 300 mL	50 - 300 mL	50 - 300 mL	50 - 300 mL	50 - 300 mL	200 - 3500 mL
Bag dimensions	95 x 160 mm	95 x 180 mm	190 x 300 mm	190 x 300 mm	190 x 300 mm	190 x 300 mm	190 x 300 mm	380 x 510 mm
Sterile pack of	25	25	10 or 25	25	25	25	25	10
Box of	500	500	500	500	500	500	400	100
Reference	120 825	121 025	122 010 or 122 025	122 225	122 325	161 025	122 425	123 010

BagLight® Non-filter bags

Sterile bag for sample homogenization.

BagLight® PolySilk®

- PolySilk®: polyolefin complex
- Flexible and transparent
- Available in 100/400/3500 mL

BagLight® PolySilk® HD

- Easy writing
- High Density PolySilk®
- Rigid, matte and slightly opaque
- Available in 400 mL

BagLight® Multilayer®

- Multilayer®: reinforced complex
- Reinforced weldings
- Available in 400 mL

BagLight® Multilayer® U

- Designed for circulating blenders
- Multilayer®: reinforced complex
- Reinforced weldings
- Available in 400 mL

Technical specifications

BagLight®	PolySilk® 100	PolySilk® 400	PolySilk® HD	Multilayer®	Multilayer® U	PolySilk® 3500
Nominal volume	100 mL	400 mL	400 mL	400 mL	400 mL	3500 mL
Useful volume	5 - 50 mL	50 - 300 mL	50 - 300 mL	50 - 300 mL	50 - 300 mL	200 - 3500 mL
Bag dimensions	110 x 185 mm	175 x 300 mm	175 x 300 mm	190 x 300 mm	190 x 300 mm	380 x 510 mm
Sterile pack of	25	25	25	25	25	25
Box of	500	1000	1000	500	500	500
Reference	131 025	132 025	132 325	132 225	132 125	133 025

Advantages

- Excellent value for price
- Resistant to freezing and high temperatures (from -40°C to 80°C / -40°F to 176°F)
- Compatible with any blender
- Sterile, approved for food contact

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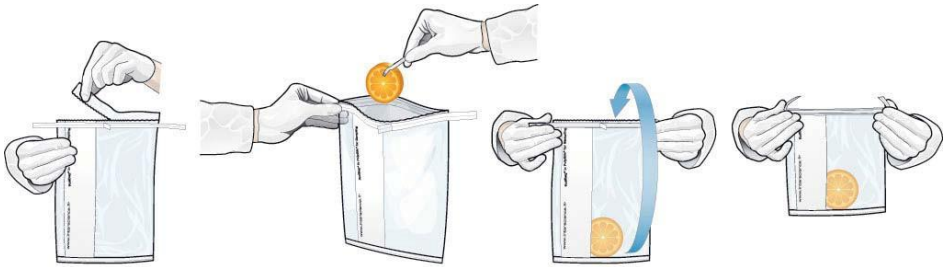
RollBag® Sampling bag

Sterile bag for sampling and samples homogenization.



Easy transportation of the sample

Sample and blend in the same bag

Handy for pipetting

RollBag®
Sampling bag

- Wire-reinforced sealing, stainless steel
- PolySilk®: polyolefin complex
- Flexible and transparent
- Available in 450/1300 mL

Technical specifications

RollBag®	450	1300
Nominal volume	450 mL	1300 mL
Useful volume	5 - 50 mL	50 - 300 mL
Bag dimensions	110 x 230 mm	175 x 290 mm
Box of	1000	500
Reference	145 010	145 040

Advantages

- Pre-cut opening of the bag
- Marking zone
- Tight closure
- Resistant up to 100°C
- Individually sterile
- Approved for food contact

OEM
Custom manufacture

Ask us about bags specifically designed and manufactured for your application.

Choose:

- The type of calibrated filter
- The shape/size/material
- The weldings/openings/ compartments
- No marking or your own marking

All our bags are approved for food contact, radiosterilized and compatible with ALL LAB BLENDERS.

A red sticker is placed on every box as a mark of guarantee of sterilization.

A sterilization certificate is included with each shipment.

BabyGravimat® Gravimetric dilutor

ISO 7218

BabyGravimat® is an easy-to-use gravimetric dilutor: you can dilute your sample just by pressing two keys. Compatible with any container, BabyGravimat® also allows the use of two diluents.

Key features

- All stainless steel: easy to clean
- Dilution time:
  < 20 secs. for 250 mL
- Dilution factor: from 1/2 to 1/99
- Accuracy:
  of sample weighing: < 0.1 g
  of mass liquid of dispensing: > 99 %
  (for a sample weight > 1 g)
- Maximum weight: 1000 g
- Liquid dispensing: accuracy 0.1 g
- RS 232 output to transfer information to Excel™, LIMS or printer.
  (Parameters: date, time, user code, pump selection, sample ID, sample weight, total weight, dilution factor, dilution accuracy...)

Traceability:

LIMS XLS

Delivered with: 1 fixed arm, 1 or 2 pumps, 2 sets of autoclavable dispensing assemblies per pump, power cord, BagOpen® 400, user's manual, quick user guide, free sample pack of bags: 10 BagPage®, 10 BagFilter®.

Applications

- Microbiological analyses
- Gravimetric dilutions/liquid dispensing

Advantages

- Easy-to-use: two keys for one dilution
- Distribution and weighing functions
- Compatible with any container

Technical specifications

BabyGravimat®	Single pump	Double pump
Maximum weight	1000 g	1000 g
Power	110/220V~ 50-60Hz	110/220V~ 50-60Hz
Size (w x d x h)	32 x 36 x 16 cm	38 x 36 x 16 cm
Weight	8 kg	9 kg
Reference	500 230	502 230

Options

Printer (RS 232 output)
ref. 521 000

Adjustable dispensing arm
ref. 513 014

Stand for broth bags
ref. 513 013

Trocar
for broth bags
ref. 513 020

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Gravimat® Gravimetric dilutor

ISO 7218 ISO 6887-1

Gravimat® automatically dilutes a solid sample with the appropriate mass of diluent. All the diluting and dispensing protocols are selected on the screen, repeatable and reproducible. Data are protected, accessible and traceability is ensured.

Key features

- All stainless steel: easy to clean
- Dilution time:
  < 20 secs. for 250 mL
  < 10 secs. for 250 mL with booster kit
- Dilution factor: 1/2 to 1/999
- Accuracy:
  of sample weighing: < 0.05 g
  of mass liquid of dispensing: > 99 %
  (for a sample weight > 1 g)
- Maximum weight: 2500 g (on request: platform for 600 g or 5000 g)
- Functions:
  Weighing platform: accuracy 0.05 g
  Liquid dispensing: accuracy 0.1 g
- RS 232 output to transfer information to Excel™, LIMS or printer.
  (Parameters: date, time, user code, pump selection, sample ID, dilution factor...)
- Ultra-quick tare: < 1 sec.
- Multi-lingual screen: English, French, German, Spanish, Italian, Chinese and Japanese

Traceability: LIMS XLS Excel™

Applications

- Microbiological analyses
- Gravimetric dilution/liquid dispensing
- Precise weighing system
- For samples requiring traceability

Advantages

- Quick, reliable, modular
- Complete traceability: compatible with LIMS, printer and barcode
- Weighing and dispensing functions
- Multi-lingual screen

Delivered with: 1 or 2 pumps, autoclavable 5 L bottle, 2 sets of autoclavable dispensing assemblies per pump, power cord, BagOpen® 400, 1 round weighing platform, user's manual, quick user guide, free sample pack of bags: 10 BagPage®, 10 BagFilter® P, 10 BagFilter® S and 25 BagLight®.

Technical specifications

Gravimat®	Single pump	Double pump
Maximum weight	2500 g	2500 g
Power	100-240V~ 50-60Hz	100-240V~ 50-60Hz
Size (w x d x h)	32 x 45 x 42.5 cm	38 x 45 x 42.5 cm
Weight	12.2 kg	12.4 kg
Reference	510 230	512 230

Options

Booster kit
ref. 511 000

Printer
(RS 232 output)
ref. 521 000

Barcode reader
ref. 522 000

Stand for broth bags
ref. 513013

Dispensing arm
ref. 513 002

BagMixer® Lab blenders range

BagMixer® are highly efficient lab blenders for solid sample preparation. With a sterile bag, they guarantee optimal bacterial extraction in less than 60 seconds and eliminate all risks of cross contamination.

More than **10,000 BagMixer®** used daily!

MiniMix® 100
5-80 mL
Sample up to 10 g

BagMixer® 400
50-400 mL
Sample up to 40 g

JumboMix® 3500
200-3500 mL
Sample up to 400 g

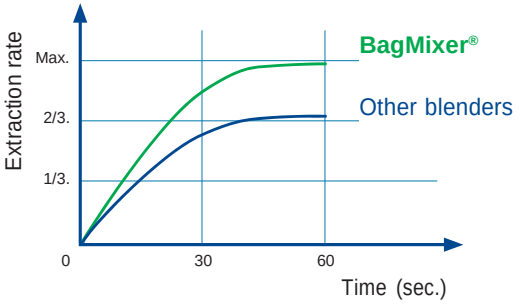
- World best selling lab blender
- 13 models for most applications (from 5 mL to 3500 mL)
- 30 years experience
- Life-time service and spare parts

3 YEAR GUARANTEE

WINDOW DOOR LIFE-TIME GUARANTEE

SHOCK ABSORBERS LIFE-TIME GUARANTEE

Optimal bacterial extraction



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BagMixer® Exclusive technology by interscience

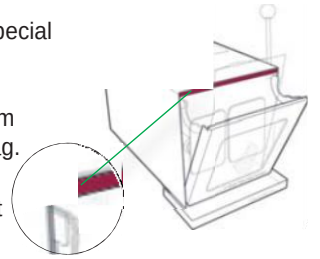
Easy control

- Blending speed
- Blending power
- Blending time

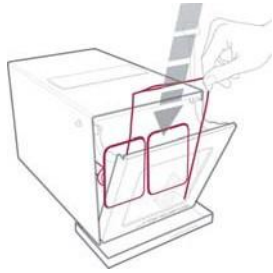
BagMixer® 400 CC®

A unique comfort

- **Q-Tight®**, a special closing system prevents risks of leaking liquid from the top of the bag.



- **Easy insertion of the bag**, the paddles stop side-by-side at the end of the blending.

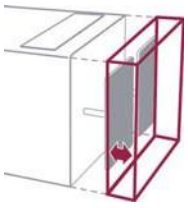


PATENTED

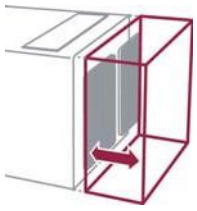
Adjustable blending power

Adjust your blending chamber according to the nature and size of your sample.

The blending power can be raised up to 28 kg of pressure for hard samples.



Small/hard samples: Move the paddles forward

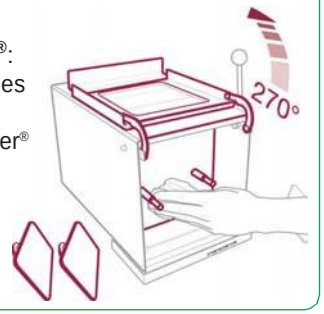


Big/soft samples: Move the paddles backwards

PATENTED

Cleaning is easy

- Door opens at 270°
- All stainless steel
- **Click & Clean®**:
  - remove the paddles
  - autoclave them
  - clean the BagMixer® completely



MiniMix® 100 mL lab blenders

3 YEAR GUARANTEE — WINDOW DOOR LIFE-TIME GUARANTEE

ISO 7218 — SHOCK ABSORBERS LIFE-TIME GUARANTEE

The MiniMix® 100 is designed for the blending of small samples. Thanks to the adjustable paddles, your blending is more accurate and efficient.

MiniMix® 100 P CC®

- Multifunction digital screen
- Variable speed (3, 6, 9, 12 strokes/sec.)
- Variable time (1 sec. - 1 h or □)
- Variable power, adjustable paddles (patented)
- Q-Tight® closing
- Click & Clean® removable paddles (patented)
- Side-by-side paddle stop

MiniMix® 100 W CC®

- Multifunction digital screen
- Variable speed (3, 6, 9, 12 strokes/sec.)
- Variable time (1 sec. - 1 h or □)
- Variable power, adjustable paddles (patented)
- Q-Tight® closing
- Click & Clean® removable paddles (patented)
- Side-by-side paddle stop
- **Window door**
- **Security drip tray**

Discover the MiniMix® accessories p. 20!

Delivered with: Power cord, user's manual, security drip tray*, free sterile packs of filter bags. (*only on MiniMix® 100 W CC®)

Applications

- Homogenization of all types of samples up to 10 g
- Clinical, pharmaceutical
- Veterinary (biopsy, organ tissue sampling...)
- Molecular extraction (proteins, lipids, DNA...)
- Toxin research (HPLC, GCMS...)

Advantages

- Silent and resistant
- Variable blending power
- Easy cleaning: door opens at 270°

Technical specifications

MiniMix® 100	P CC®	W CC®
Useful volume	5 - 80 mL	5 - 80 mL
Power	110/220V~ 50-60Hz	110/220V~ 50-60Hz
Size (w x d x h)	21 x 37 x 20 cm	21 x 37 x 20 cm
Weight	13 kg	13 kg
Reference	011 230	013 230

Ideal with the sterile bags

BagPage®
80 mL

BagPage®
100 mL

BagLight®
100 mL

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BagMixer® 400 400 mL lab blenders

World best-seller in labs, BagMixer® 400 is an efficient lab blender for all microbiological analyses.

3 YEAR GUARANTEE — WINDOW DOOR LIFE-TIME GUARANTEE

ISO 7218 — SHOCK ABSORBERS LIFE-TIME GUARANTEE

BagMixer® 400 P

- Fixed speed (8 strokes/sec.)
- Variable time (30 - 210 secs. or □)
- Also available in CoolMix® version

BagMixer® 400 W

- Fixed speed (8 strokes/sec.)
- Variable time (30 - 210 secs. or □)
- **Window door**
- **Security drip tray**

Best seller

BagMixer® 400 VW

- Window door
- Security drip tray
- **Multifunction digital screen**
- **Variable speed (4, 6, 8, 10 strokes/sec.)**
- **Variable time (1 sec. - 1 h or □/count-down)**
- **Variable power, adjustable paddles (patented)**
- **Q-Tight® closing**
- **Side-by-side paddle stop**
- **Silent brushless motor**

BagMixer® 400 CC®

- Window door
- Security drip tray
- Multifunction digital screen
- Variable speed (4, 6, 8, 10 strokes/sec.)
- Variable time (1 sec. - 1 h or □/count-down)
- Variable power, adjustable paddles (patented)
- Q-Tight® closing
- Side-by-side paddle stop
- Silent brushless motor
- **Click & Clean® removable paddles (patented)**

Discover the BagMixer® accessories p. 20!

Delivered with: Power cord, user's manual, security drip tray*, free sterile packs of filter bags. (*in option for BagMixer® 400 P)

Technical specifications

BagMixer® 400	P	W	VW	CC®
Useful volume	50 - 400 mL	50 - 400 mL	50 - 400 mL	50 - 400 mL
Power	110/220V~ 50-60Hz	110/220V~ 50-60Hz	100-240V~ 50-60Hz	100-240V~ 50-60Hz
Size (w x d x h)	26 x 39 x 29 cm	26 x 39 x 29 cm	26.5 x 42 x 26 cm	26.5 x 42 x 26 cm
Weight	16.5 kg	16.5 kg	16.5 kg	16 kg
Reference	021 230	022 230	023 230	024 230

Ideal with the sterile bags

BagFilter® *400 mL*

BagPage® *400 mL*

BagLight® *400 mL*

Applications

- Homogenization of all types of samples up to 40 g
- Microbiology: food, pharmaceutical, clinical, veterinary, environmental...

Advantages

- Silent and robust
- Variable blending power
- Easy cleaning: door opens at 270°

JumboMix® 3500 mL lab blenders

The JumboMix® 3500 enables fast blending of large samples for numerous applications in microbiology.

3 YEAR GUARANTEE — WINDOW DOOR LIFE-TIME GUARANTEE

ISO 7218 — SHOCK ABSORBERS LIFE-TIME GUARANTEE

Best seller

Special Trichinella

Demo video
www.interscience.fr

JumboMix® 3500 VP

- Multifunction digital screen
- Variable speed (1.5, 3, 4.5, 6 strokes/sec.)
- Variable time (1 sec. - 1 h or ∞)
- Variable power, adjustable paddles (patented) with on-screen indication
- Q-Tight® closing
- Side-by-side paddle stop

JumboMix® 3500 VW

- Multifunction digital screen
- Variable speed (1.5, 3, 4.5, 6 strokes/sec.)
- Variable time (1 sec. - 1 h or ∞)
- Variable power, adjustable paddles (patented) with on-screen indication
- Q-Tight® closing
- Side-by-side paddle stop
- **Window door**
- **Security drip tray**

JumboMix® 3500 WarmMix®

- Multifunction digital screen
- Variable speed (1.5, 3, 4.5, 6 strokes/sec.)
- Variable time (1 sec. - 1 h or ∞)
- Variable power, adjustable paddles (patented) with on-screen indication
- Q-Tight® closing
- Security drip tray
- Side-by-side paddle stop
- **Heated door (20°C to 50°C)**

Discover the JumboMix® accessories p. 20!

Delivered with: Power cord, user's manual, security drip tray*, free sterile packs of filter bags. (*only on JumboMix® 3500 VW and JumboMix® 3500 WarmMix)

Applications

- Homogenization of all types of samples up to 400 g
- Sterility tests of disposable products
- Research of Trichinella in meat
- Microbiological/chemical detection in fibrous products
- Industrial mixing (powder, polymer...)
- Ideal for E-Coli O157:H7
- Risk assessment in drinking water by microscopic analysis
- Extraction of Cryptosporidium and Giardia parasites (blending of water filters and fibers)

Advantages

- Silent & robust
- Variable blending power
- Easy cleaning: door opens at 270°

Technical specifications

JumboMix® 3500	VP	VW	WarmMix®
Useful volume	200 - 3500 mL	200 - 3500 mL	200 - 3500 mL
Power	110/220V~ 50-60Hz	110/220V~ 50-60Hz	110/220V~ 50-60Hz
Size (w x d x h)	52 x 47 x 47 cm	52 x 47 x 47 cm	63 x 50 x 47 cm
Weight	58 kg	58 kg	60 kg
Reference	031 230	032 230	033 230

Ideal with the sterile bags

BagFilter® *3500 mL*

BagPage® *3500 mL*

BagLight® *3500 mL*

Option

JumboStand *ref. 037 000*

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BagMixer Pack

High-quality and service for every lab:
choose your BagMixer® and combine it with the pack of your choice!

Starter Pack

1 BagMixer®

+ Sterile bags:
500 BagFilter® + 1000 BagLight®
+ Accessories:
50 BagClip® + 1 BagOpen® + 1 BagRack®

Classic Pack

1 BagMixer®

+ Sterile bags:
500 BagFilter® + 1000 BagLight®
+ 500 BagPage®
+ Accessories:
1 BagOpen® + 1 BagRack® + 50 BagClip®
1 PetriPile® + 1 BagPipet®
1000 BagTips® Regular + 6 Clinet® 101

Premium Pack

1 BagMixer®
& 1 BabyGravimat®

+ Sterile bags:
1000 BagFilter® + 2000 BagLight®
+ 1000 BagPage®
+ Accessories:
1 BagOpen® + 2 BagRack® + 50 BagClip®
2 PetriPile® + 1 BagPipet®
1000 BagTips® Regular + 6 Clinet® 101

Non-binding photo

BagPipet® & BagTips®

Pipet and sterile tips

BagPipet® is an autoclavable pipet with fixed volume (0.1 mL / 0.9 mL / 1 mL). It is used with BagTips®, a single-use sterile and rigid straw.

BagTips®: its length reaches the bottom of the bag

Autoclavable and calibrated according to the GLP

Advantages

- Economical
- No risk of cross-contamination
- Variable volume (0.1 mL/0.9 mL/1 mL)
- Light and ergonomic
- Autoclavable

BagTips® is available in 2 sizes:
Regular (19 cm)/Jumbo (24 cm)

Technical specifications

	BagPipet®	BagTips® (Regular)	BagTips® (Jumbo)
Size		190 mm	240 mm
Reference	251 091	252 019	252 024

BagRack®

Storage rack for bags

BagRack® enables clean and methodical storage of bags.

400 mL
Security driptray in option

Advantages

- Adapted to all bags
- Stackable
- Robust
- Stainless steel
- Autoclavable

Available for bag sizes:
80 mL, 100 mL, 400 mL, 3500 mL

Technical specifications

BagRack®	80/100 mL	400 mL	3500 mL 4 compartments	3500 mL 2 compartments
Size (w x d x h)	12.5 x 27.5 x 14 cm	20.5 x 35.5 x 20 cm	43 x 35 x 37.5 cm	35.5 x 20.5 x 20 cm
Reference	221 010	221 040	221 350	221 352

BagClip®	80/100 mL	400 mL	3500 mL
Quantity per pack	50	50	50
Reference	231 010	231 040	231 350

BagClip®

Closing clip

BagClip® allows a temporarily closing in 3 points of any type of bag.

Advantages

- Handy and easy-to-use
- Gas and liquid leakproof
- No contact with the sample
- Avoids intermediary weldings
- Robust and long-lasting

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BagOpen®

Bag opener/holder

BagOpen® easily opens the sample bag without any contact with the sample.

Stable and robust!

Advantages

- Robust
- Stable base
- Unbreakable polycarbonate sides

Available for bag sizes:
80 mL, 100 mL, 400 mL, 3500 mL

Technical specifications

BagOpen®	80/100 mL	400 mL	3500 mL
Volume	80/100 mL	400 mL	3500 mL
Reference	211 010	211 040	211 350

BagSeal®

Thermal sealing unit

BagSeal® allows a wide, tight and clean sealing of any kind of bag (with/without filter) with a perfect leakproof closure guarantee.

Advantages

- Large welding: 245 mm x 5 mm
- Variable heating time
- Stainless steel
- Sealing end LED signal

Technical specifications

	BagSeal®
Power	220/110V - 50/60Hz
Size (w x d x h)	32 x 28 x 35 cm
Weight	11 kg
Reference	261 000

PetriPile®

Petri dish storage stack

PetriPile® ensures safe handling, transport and storing of Petri dishes.

Advantages

- For 16 to 36 dishes
- Stackable
- Autoclavable
- Stainless steel
- AFNOR NF V08-002 standard

Available for dishes of:
ø 55 mm, ø 65 mm, ø 90 mm, ø 150 mm

Technical specifications

PetriPile®	Ø 55	Ø 65	Ø 90	Ø 150
Size (w x d x h)	27.5 x 22.5 x 13 cm	30.5 x 22 x 13 cm	37.5 x 25.5 x 13 cm	38 x 35.5 x 13 cm
No. dishes	36	36	36	16
Diameters	55 mm	65 mm	90 mm	150 mm
Reference	241 055	241 065	241 090	241 150

Flexi*Pump*®

Now dispensing is easy

NEW

Designed for microbiologists

- Select from 3 dispensing modes:
  - Continuous
  - Dose (predetermined volume)
  - Multi-dose (predetermined volume, with an adjustable pause between each dose)
- 32 editable programs
- Rotating button for easy navigation

Easy calibration

- Step-by-step instructions on screen

Precise flow control

- Up to 1% precision
- Dispenses liquid from 50 µL to 99 L
- Dispensing assembly is entirely autoclavable with bottle

Maintenance free

- Heavy duty polycarbonate top shell and durable stainless steel
- High quality Watson Marlow™ pump heads

Easy dispensing

- Improved dispensing control with the handy gun and the adjustable arm
- Serial dispensing of:

Culture media

e.g.: 9 mL
in test tube

Agar

e.g.: 18 mL
in Petri dish

Any liquid diluent

e.g.: 90 mL
or 225 mL
in bottle or
blender bag

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Flexi*Pump*® Dispensing pumps for culture media preparation

ISO 7218 ISO 6887-1

Flexi*Pump*® peristaltic pumps enable serial dispensing of culture media, agar or any liquid diluent from 50 µL to 99 L.

NEW

Flexi*Pump*®

- Single pump head with 3 rollers
- Delivered with one dispensing assembly (3.2 mm tube inner diameter)
- Flow rate up to 1.25 L/min.
- Dose volume: 50 µL to 99 L

NEW

Traceability:

USB LIMS XLS Excel™

Flexi*Pump*® Pro

- Double pump head with 6 rollers:
  - double the accuracy
  - double the flow rate
- Delivered with 2 dispensing assemblies (3.2 mm and 6.4 mm inner diameter tubes)
- Flow rate up to 2.5 L/min.
- Dose volume: 50 µL to 99 L
- Traceability: USB, RS 232

Demo video
www.interscience.fr

Typical applications

- 9 mL tube filling for dilution
- 18 mL Petri dish filling
- 90 mL and 225 mL in bottle or blender bag

Advantages

- Precise flow control: up to 1% precision
- Easy calibration
- No contamination: autoclavable dispensing assembly

Delivered with: 1 or 2* peristaltic Watson Marlow™ pump head(s), 1 set of 3.2 mm dispensing assembly (nozzle + GL 45 bottle connector + filter + tubing + tube weight), 1 set of 6.4 mm dispensing assembly*, user's manual, power cord, USB cable*, free sterile packs of filter bags. (* only for Flexi*Pump*® Pro)

Technical specifications

	Flexi*Pump*®	Flexi*Pump*® Pro
Dose volume	50 µL to 99 L	
Power	100-240 V~ - 50-60 Hz	
Size (w x d x h)	17 x 28 x 21 cm	17 x 34 x 21 cm
Weight	5.3 kg	5.6 kg
Reference	561 000	562 000

Options

Handy gun
ref. 561 001

Adjustable dispensing arm
ref. 561 002

Foot pedal
ref. 507 008

Printer
(RS 232 output)
ref. 521 000

Independent double bag stand
ref. 513 015

easySpiral® Automatic Spiral® platers

ISO 7218 | AFNOR V08-100

The high-performance automatic plater, easySpiral®, guarantees a standardized and programmable plating without successive dilutions of the sample in 25 seconds only.

Demo video
www.interscience.fr

Traceability:

USB | LIMS | XLS Excel™

easySpiral®

- Controlled by microprocessor
- Plating modes: exponential and circle
- Petri dish diameter: 90 mm
- Dispensed volume: 50 or 100 µL
- Detection in CFU/mL: from 300 to 1.3 x 10^5 CFU/mL

easySpiral® Pro

- Controlled by microprocessor
- Plating modes: exponential, circle and constant
- Petri dish diameter: 90 or 150 mm
- Dispensed volume: 50, 100 or 200 µL
- Detection in CFU/mL: from 30 to 1 x 10^7 CFU/mL
- Programmable volumes via USB: from 10 to 1000 µL
- Traceability: Excel™, Data Matrix labels

Delivered with: 1000 sterile beakers, 1 blue dye for testing,1 liquid detergent, 3 sets of connectors for autoclavable GL45 bottles, spiral counting grid: 90 mm & 150 mm*, container stand for testing, power cable, user manual, 150 mm Petri dish ring*, software on a CD-ROM*/USB cable*. (*only for easySpiral® Pro)

Technical specifications

	easySpiral®	easySpiral® Pro
Power	100-240V~ 50-60Hz	100-240V~ 50-60Hz
Size (w x d x h)	38 x 42 x 29 cm	38 x 42 x 29 cm
Weight	15.6 kg	15.6 kg
Reference	412 000	413 000

Options

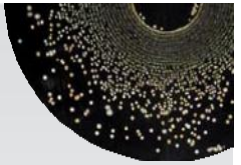
Housing protection
for working outside laminar flow
ref. 413 001

Beakers Spiral® DB 50 (5 mL)
ref. 415 100

2 L Bottle
ref. 413 002

Barcode reader
ref. 522 000

Principle of the Spiral® method:



The sample is deposited on the surface of a rotating Petri dish by a precise measuring micro-pump, according to a logarithmically decreasing Archimedes spiral from the center of the dish to its periphery.

According to the setting, the plating corresponds to 3 or 4 dilutions compared to the traditional method. The volume is calibrated and known at every point of the Petri dish.

After incubation, the colonies appear as a spiral trace on the dish. Counting can be done manually with a counting grid or a Scan® 100, or automatically with a colony counter such as interscience Scan® 300, Scan® 500 or Scan® 1200.

Applications

- Microbiological analyses
- Controls of: food quality, bacterial cinetics, MIC of antibiotics, cosmetic (challenge test), pharmaceutical

Advantages

- Sensitivity: from 30 to 10 million CFU/mL
- Full cycle in 25 seconds
- Patented disinfection system
- Programmable volumes via USB
- Costs reduced up to 75%

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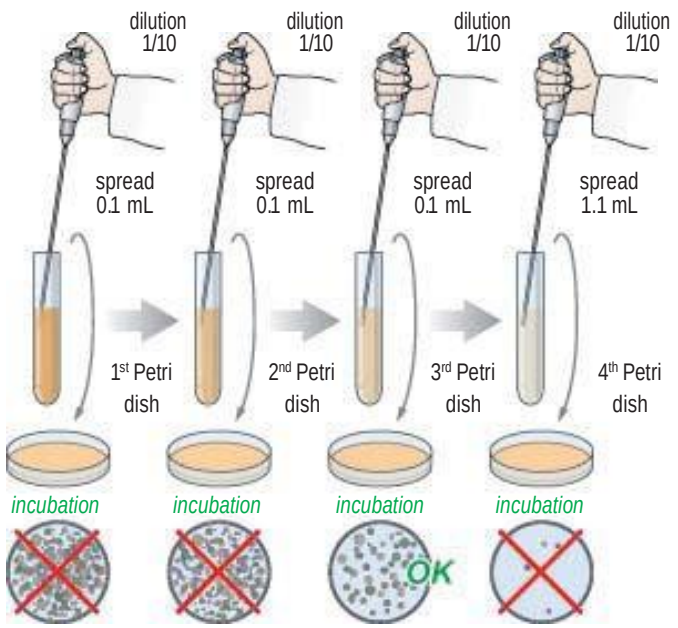
Spiral® Why choose the Spiral® method?

ISO 7218 | AFNOR V08-100

The Spiral® method enables to increase analysis capacity in the lab. It allows a standardized bacterial plating with a sensitivity of 30 to 10 million CFU/mL on 1 Petri dish. No need for serial dilutions anymore.

Manual plating method

This method requires repetitive actions: at least **4 dilutions** and **4 successive platings** are necessary to obtain one good and readable Petri dish.



Automatic Spiral® method

With this method, make your analysis on **1 single Petri dish!**

- *30 to 10 million CFU/mL on 1 single Petri dish*
- *Less consumables: up to 75% savings!*
- *Full plating cycle in 25 seconds!*

All dillutions on one Petri dish!

easySpiral Dilute® A revolution in serial dilutions!

USB LIMS XLS Excel™

NEW

Compact

- 38 cm wide, can be used inside and outside a laminar flow
- Stainless steel housing

High precision glass syringe

- Typical accuracy of 0.5 %
- No more pipet calibration

Automatic disinfection

- Overflow technology cleaning system
- No cross contamination

PATENTED

High capacity

- 2 fully autoclavable bottles (diluent & disinfectant) and connectors

High speed automation

- Fast rotating arm
- 1 disinfection, 5 dilutions and 1 plating in 133 sec.

PATENTED

Easy serial dilution

- Choose your dilutions factor
- Do 10^{-5} dilution or more automatically
- No more 9 mL tube preparation

PATENTED

One-touch plating

- Choose from 4 plating modes
- Plate on 55, 90 and 150 mm Petri dishes

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easySpiral Dilute® Automatic diluter & plater

ISO 7218 | AFNOR V08-100

easySpiral Dilute® is a 2-in-1 equipment: automatic diluter and plater. It allows you to do 5 x serial 1/10 dilutions and automatic plating on 1 single Petri dish, with a countable range of 30 to 10^{12} CFU/mL.

NEW

Key features

- Controlled by microprocessor
- Petri dish diameter: 55 mm, 90 mm and 150 mm
- Syringe capacity: 1000 µL
- Dispensed volume: from 10 µL to 1000 µL
- Preset volume dispensed: 50 µL, 100 µL and 200 µL
- Plating modes: exponential, constant, circle, pour plate
- 1 disinfection + 5 dilutions + 1 plating 10^{-5}: 2 min. 13 sec.
- 1 disinfection + 5 dilutions + 6 plating of each dilution: 4 min. 4 sec.
- Filling time and volume programmable by USB
- Sample mixing before dilution/plating
- Traceability: Excel™ export, Data Matrix labels
- Patented circle mode:
  3 dilutions on a 90 mm Petri dish
  6 dilutions on a 150 mm Petri dish
- Stylus disinfection system by overflow, 8 bars pressure (Patented)
- Monthly cleaning program
- Successive plating capacity with the same sample: 20 Petri dishes (50 µL)

Traceability:

USB | LIMS | XLS Excel™

Applications

- Microbiological analyses
- Automatic: serial dilutions/plating

Advantages

- One-touch panel for routine serial dilutions and plating
- Make as many dilutions as you want
- Fast: disinfection, 5 dilutions and 1 plating in 133 sec.
- 50 % less consumables and time

Delivered with: 1000 sterile beakers, 1 blue dye for testing, 1 liquid detergent, 3 sets of GL45 bottle connectors, Spiral® counting grid: 90 and 150 mm, circle mode counting grid: 90 and 150 mm, 55 mm Petri dish ring, 90 mm Petri dish ring, 150 mm Petri dish ring, software on a CD-ROM, USB cable, power cable, user manual.

Technical specifications

	easySpiral Dilute®
Power	100-240V~ 50-60Hz
Size (w x d x h)	39 x 42 x 29 cm
Weight	15.6 kg
Reference	414 000

Options

Housing protection
for working outside laminar flow
ref. 413 001

Beakers Spiral® DB 50 (5 mL)
ref. 415 100

2 L Bottle
ref. 413 002

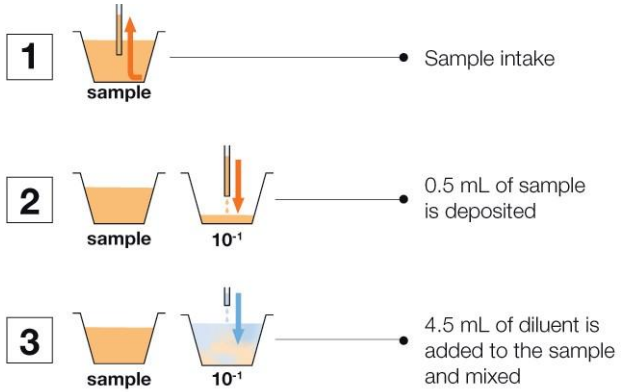
Barcode reader
ref. 522 000

easySpiral Dilute® How does it work ?

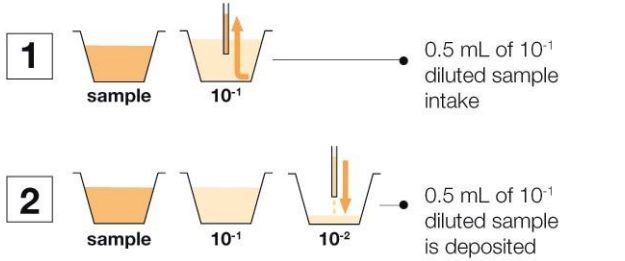
ISO 7218 | AFNOR V08-100

easySpiral Dilute® makes automatic serial dilutions and automatic plating very quickly, only 133 seconds for 1 disinfection, 5 dilutions and 1 plating.

1. Dilution cycle



The above dilution cycle is repeated for the next serial dilutions.

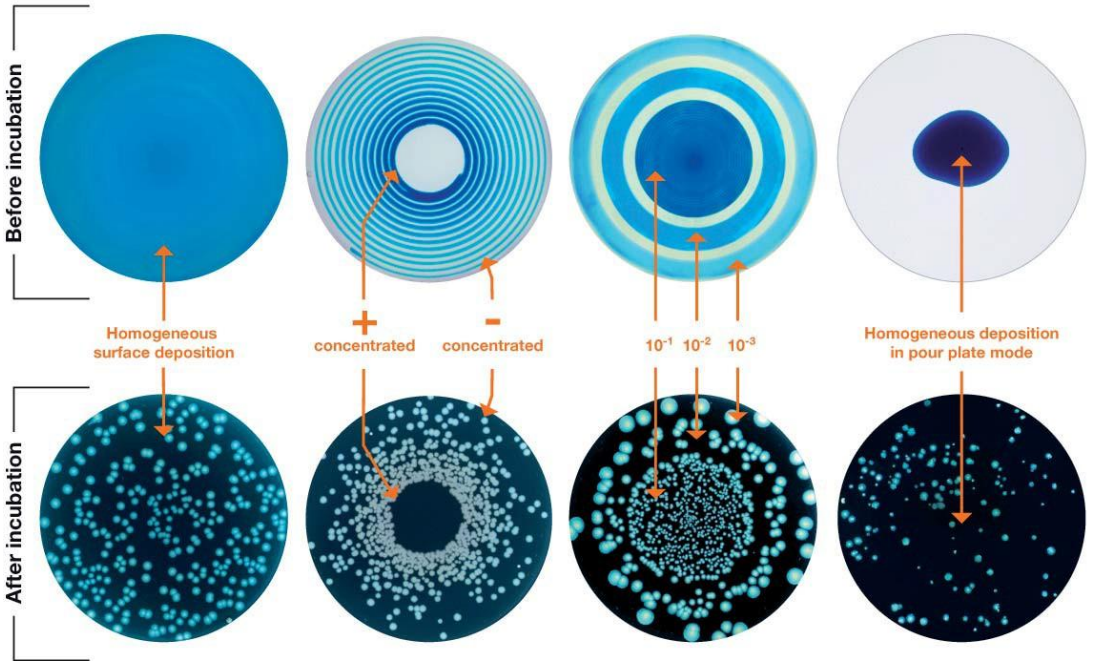


Dilution cycle can be repeated as many times as you wish.

2. Plating cycle

Constant mode	Exponential mode	Circle mode	Pour mode
Homogeneous surface deposition	Decreasing concentration	3 dilutions on 1 Petri dish	Homogeneous deposition in pour plate mode*
50 µL, 100 µL, 200 µL and USB programmable	50 µL, 100 µL, 200 µL and USB programmable	10 µL inner circle, 16 µL middle circle and 25 µL outer circle	50 µL, 100 µL, 200 µL and USB programmable

Examples:



* In pour mode, easySpiral Dilute® deposits one sample drop at the bottom of an empty Petri dish. Then, the user adds the molten agar on top.

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Spiral® System: 35 years of experience

"Solutions to save as much time as possible for creative work"

Dr. Ed Campbell inventor of the Spiral® method

François Jalenques and Dr. Ed Campbell

Automatic plating

In 1973 Dr. Ed Campbell, researcher at the FDA[1], invented the Spiral® method to automate the routine work of bacterial enumeration.

With François Jalenques, physicist and founder of interscience, they developed this process and had it patented in 1992 for more efficient and quick analyses. 3rd generation of interscience automatic platers, easySpiral® plates 1 dish without successive dilutions nor intermediary incubations, with a sensitivity from 30 to 10 million CFU/mL on 1 Petri dish.

easySpiral® offers great advantages:

- No risk of cross contamination
- Standardized operations
- Reliable, accurate and quick results
- Reduction of 75% of time, steps and consumables

AFNOR V08-100 Standard

The **Spiral®** technology, validated by A.O.A.C[3] and AFNOR[4] (V08-100 and 7218) standards as the official technique to examine food and cosmetic production, quickly became a reference for various applications such as food microbiology, medical bacteriology, research on preservatives and the cosmetological sector.

A revolution in serial dilutions

In 2012, was launched easySpiral Dilute®, the first automatic diluter and plater on the market, making the routine 5 serial dilutions and 1 plating in 100 seconds with full traceability!

[1] Food and Drug Administration, USA
[2] American Organization of Analysis Control
[3] French Association of Certification

1979
Spiral® DS

1996
Spiral® DS+

2010
easy**Spiral®**

2012
easy**Spiral** Dilute®

Automatic platers

Bacterial enumeration

Scan® 100 Manual colony counter

Scan® 100 is a manual colony counter equipped with a LED lighting system and an ergonomic hand rest. The Dark Field technology provides indirect, accurate and contrasted lighting of the colonies.
Its USB port ensures traceability by exporting the results without prior software installation and with an error-free export.

Key features

- Adjustable sensitivity of touch surface
- For all Petri dishes: ø 55, 65, 90, 150 mm, PetriFilm™, Compact Dry™...
- Multifunction digital screen
- Counting: from 0 to 1999 CFU
- USB port: easy data transfer via any software (PC/Mac)
- Dark Field technology for a contrasted view of the colonies
- Adjustable counting beeps: 4 sound levels
- Adjustable LED intensity
- Adapted to any pen
- Built-in storage rack

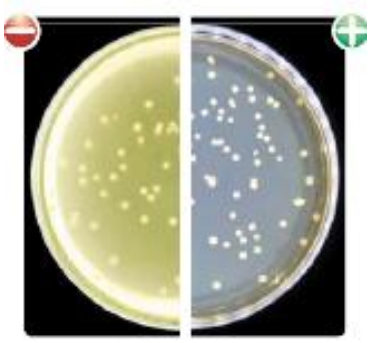
High technology: USB LIMS

Traceability:

Standard neon lighting:

The light is diffused, the agar and colonies become yellowish. As a result: the contrast is imperfect.

The colonies are difficult to count.



Dark Field technology:

The light is diffused, the col- ony is perfectly lit on a dark background. As a result: the lighting is accurate and the contrast is optimal.

The colonies are easy to count.

Delivered with: quick user guide, white background plate, 90 mm Petri dish adapter, power cable, USB cable, black marker pen

Technical specifications

	Scan® 100
Power	100-240V~ 50-60Hz
Size (w x d x h)	25 x 30 x 18 cm
Weight	4.5 kg
Reference	435 000

Options

Magnifying lens on flexible arm
ref. 435 001

Spiral® grids: transparent and white diffusing counting grid
3 models:
Spiral DS® 90/150 mm - Ref. 435 010
easySpiral® 90 mm - Ref. 435 030
easySpiral® 150 mm - Réf. 435 035

Wolffhuegel grid:
Transparent and white diffusing counting grid
ref. 435 020

All-media adapter:
for Petrifilm™, RIDA™ Count / Sanita-kun™, Compact Dry™
ref. 435 002

Advantages

- All stainless steel, very robust
- Long lasting white LEDs, adjustable intensity
- Dark Field lighting
- Ergonomic hand rest
- Instant export of results via USB

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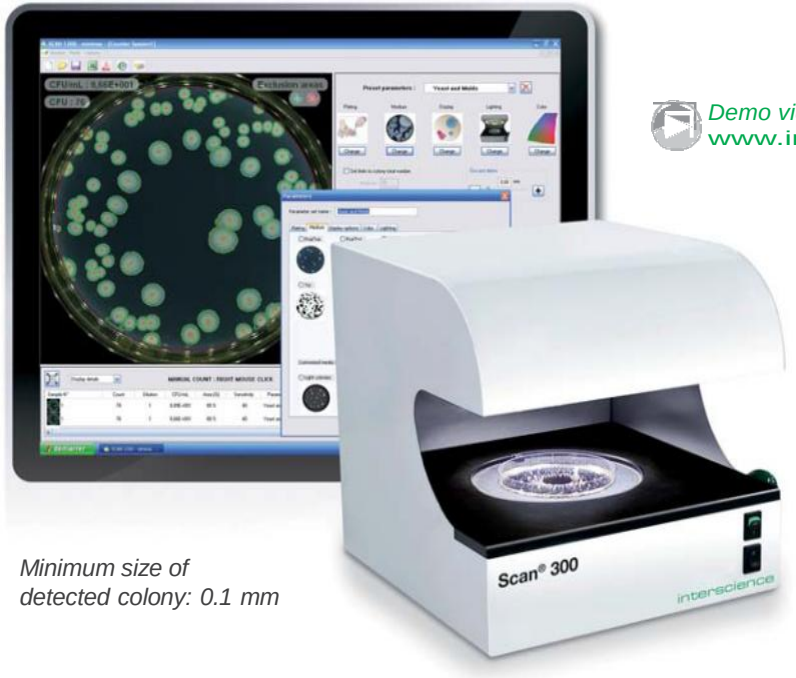
Scan® 300 Automatic colony counter

3 YEAR GUARANTEE

ISO 7218

Scan® 300 is an automatic colony counter with the essential features to start the automatic colony counting and is specifically designed for environments of food microbiology (PCA, VRBG, MRS...).



Minimum size of detected colony: 0.1 mm

Demo video
www.interscience.fr

Key features

- CCD color camera, zoom x7
- 6 combinations of lighting and backgrounds
- Brightness, contrast and sensitivity are automatically optimized by the software
- Minimum size of detected colony: 0.1 mm
- Automatic separation of clustered colonies
- Creation of polygonal exclusion zones
- Long lasting LED lighting
- Export of data to Excel™, PDF
- Software in French, English, Japanese, Chinese, Russian, Spanish

Counts on

Petri dish Spiral® plating

High technology: Dark Field, USB, LIMS

Traceability: XLS Excel™, JPG JPEG, BMP Bitmap, PDF Adobe, Scan®

Delivered with: Scan® software CD-ROM, user's manual, Firewire adapter: PCI, PCMCIA, Expresscard, 6/4 pins.

Technical specifications

	Scan® 300
Resolution	640 x 480 pixels
Power	100-240 V - 50-60Hz
Size (w x d x h)	28 x 27 x 29 cm
Weight	7.0 kg
Reference	436 300

Options

Barcode reader
ref. 522 000

Adapter for 55 mm dishes
ref. 436 005

Advantages

- Instant results
- Traceability: automatic saving of images and results
- LIMS connection and barcode reader
- Data export to Excel™
- Minimum size of detected colony: 0.1 mm

Colony counters

Bacterial enumeration

Scan® 500 Automatic colony counter

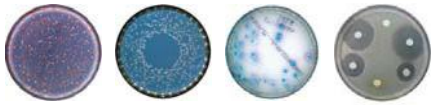
ISO 7218

Scan® 500 is an automatic color colony counter providing quick and efficient counting of the colonies on the most common supports. Scan® 500 guarantees an excellent reproducibility and the automatic saving of images and results.

Key features

- Color CMOS camera, zoom x7
- 6 combinations of lighting and backgrounds
- Brightness, contrast and sensitivity are automatically optimized by the software
- Minimum size of detected colony: 0.1 mm
- Automatic separation of clustered colonies
- Creation of polygonal exclusion zones
- Long lasting LED lighting
- Export of data to Excel™, PDF
- Software in French, English, Japanese, Chinese, Russian, Spanish
- **Detects and counts up to 7 colors on the same dish**
- **Adapts itself to most kinds of agar**

Counts on



High technology: COLOR DETECTION, Dark Field, USB, LIMS

Traceability: XLS, JPG, BMP, PDF

Delivered with: Scan® software CD-ROM, user manual, Firewire adapter: PCI, PCMCIA, Expresscard, 6/4 pins

Technical specifications

	Scan® 500
Resolution	640 x 480 pixels
Power	100-240 V - 50-60Hz
Size (w x d x h)	28 x 27 x 29 cm
Weight	7.0 kg
Reference	436 000

Options

Barcode reader
ref. 522 000

Adapter for 55 mm dishes
ref. 436 005

Advantages

- Instant results
- Traceability: automatic saving of all data, images and results
- Barcode reader and LIMS connection
- Data export to Excel™
- Minimum size of detected colony: 0.1 mm

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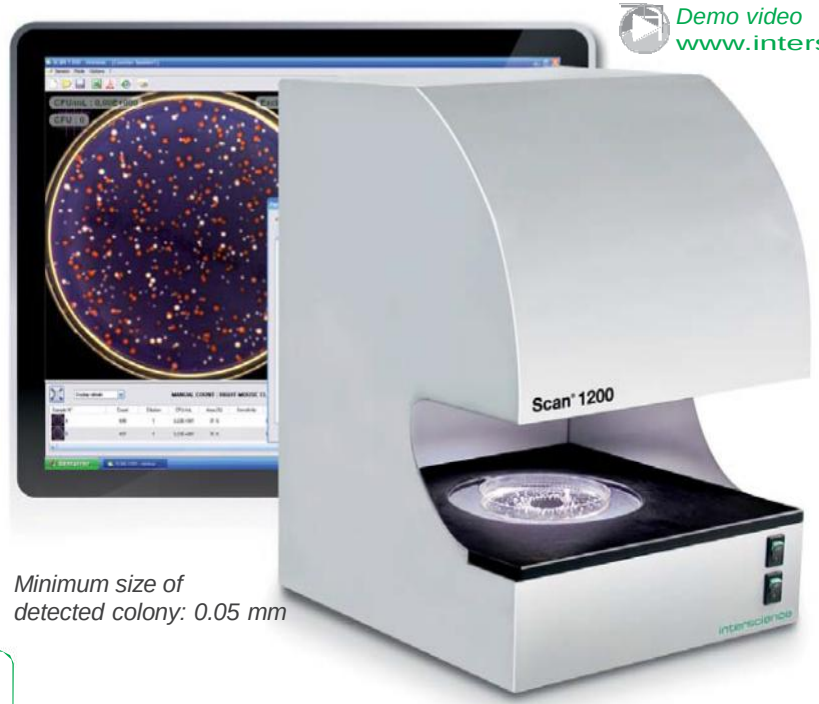
Scan® 1200 Automatic colony counter

3 YEAR GUARANTEE

ISO 7218

Scan® 1200, high resolution automatic color colony counter, enables an adaptability to all media in labs and a great user comfort with high accuracy, an excellent reproducibility and automatic saving of images and results.

Demo video
www.interscience.fr



Minimum size of detected colony: 0.05 mm

Key features

- 6 combinations of lighting and backgrounds
- Detects and counts up to 7 colors on the same dish
- Brightness, contrast and sensitivity are automatically optimized by the software
- Minimum size of detected colony: 0.05 mm
- Automatic separation of clustered colonies
- Creation of polygonal exclusion areas
- Long lasting LED lighting
- Export of data to Excel™, PDF
- Software in French, English, Japanese, Chinese, Russian, Spanish
- **HD color CCD camera, zoom x28**
- **Adapts itself to most kinds of agar**
- **Motorized background color**
- **Lights controlled by Scan® Software**

Counts on

High technology: COLOR DETECTION, Dark Field, USB, LIMS

Traceability: XLS Excel™, JPG JPEG, BMP Bitmap, PDF Adobe, Scan®

Delivered with: Scan® software CD-ROM/user's manual/Firewire adapter: PCI, PCMCIA, Expresscard, 6/4 pins.

Technical specifications

	Scan® 1200
Resolution	1280 x 960 pixels
Power	100-240 V - 50-60Hz
Size (w x d x h)	28 x 27 x 38 cm
Weight	9.1 kg
Reference	437 000

Options

Barcode reader
ref. 522 000

Adapter for Petrifilm™
ref. 436 002

Adapter for RIDA™ COUNT/ Sanita-kun™
ref. 436 001

Adapter for Compact Dry™
ref. 436 004

Adapter for 55 mm dishes
ref. 436 005

Advantages

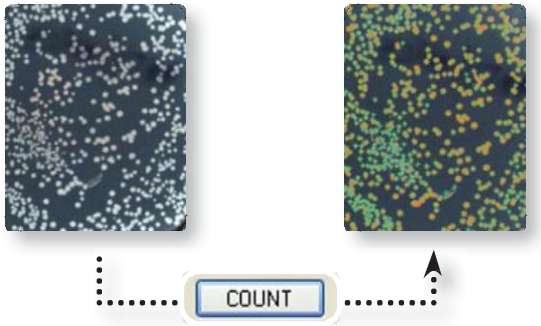
- Instant results
- Traceability: automatic saving of all data, images and results
- Barcode reader and LIMS connection
- Data export to Excel™
- Minimum size of detected colony: 0.05 mm

Scan® Colony counting software

With Scan® Software delivered with Scan® automatic colony counters, enjoy quick and efficient colony counting on numerous media with full traceability.

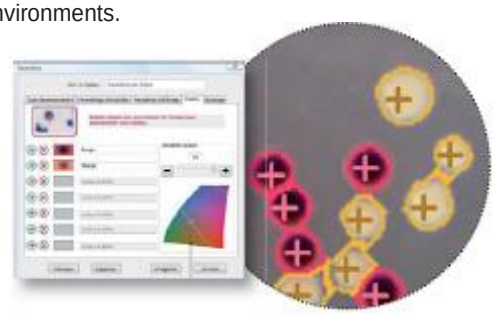
Instant results

Thanks to the live image display of the Petri dish on your computer, count more than **1000 CFU/sec**. on all media. Each counted colony is marked with a cross and the result is automatically saved.



Color detection & chromogenic media

Scan® 500 and Scan® 1200 can read chromogenic agar and differentiate colonies by color: **up to 7 different colors on the same Petri dish**. Save your parameters for the next counting in chromogenic environments.

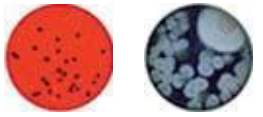


No settings

Choose your pre-set parameters for Petri dishes:

Pca/Tsa | Mrs | Vrbl/Vrbg

Tbx | Tsc | Baird Parker | Gvpc Bcye



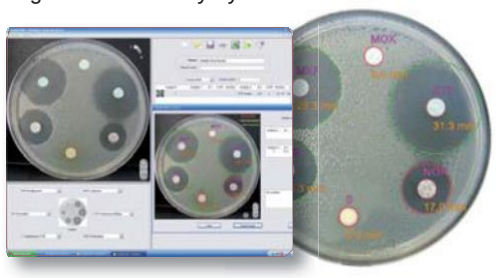
L. Mono | YM

Also available on Scan® 1200:

- RIDA™ COUNT/Sanita-kun™: AC, CC, EC/CC, SA
- Petrifilm™: AC, ETB, CC, EC/CC, EC
- Compact Dry™: TC, CF, EC, ETB

Antibiogram analysis

The inhibition zone measurement gives immediate results for the testing of the effectiveness of antibiotics by measuring the diameter of its action.
The R.I.S results (Resistant/Intermediate/Susceptible) are given immediately by color.



Security of the sessions

The counting sessions are secured by a security code per operator and the saving of each count is unalterable. Compliant with CFR 21 part 11:
- security of the systems
- operational controls
- documentation management.

CFR 21 part 11

Plate & Count System®

The Plate & Count System® offers you quick, standardized, consistent and traceable results. Plating and colony counting is automatic.

It includes:
- easySpiral®: automatic platers
- Scan®: automatic colony counters

***Increase** your lab capacity!*

easySpiral® Pro and Scan® 1200

Benefits

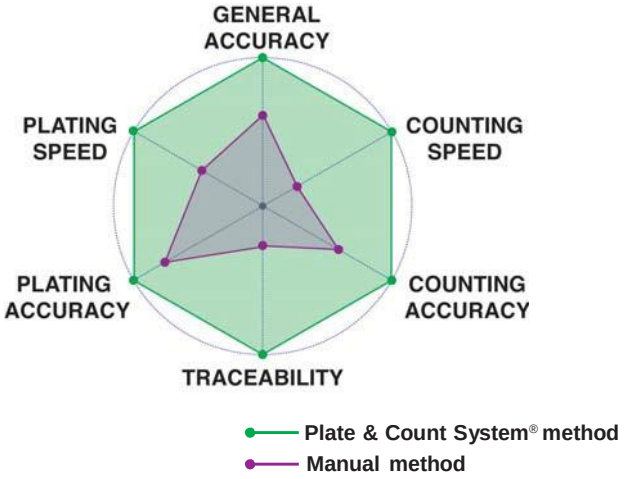
1 Incredible savings:
Save up to 75% in time, consumables and bench space

2 Fast:
Full plating cycle in 25 seconds and counting in 1 click

3 Reliable:
98% repeatable and reproducible results

4 Total traceability:
Automatic data saving and reporting

Method comparison



Consumables:
up to 75% savings!

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Plate & Count System®

Bacterial enumeration

Clinet® Disinfection range

For the cleaning and disinfection of any object or equipment.

Clinet® 101

Disinfection wipes

- Bactericidal/Fungicidal/Virucidal
- Ideal for laboratories, hospitals, sample takers, domestic use
- Hypoallergenic, without aldehyde and without quaternary ammonium
- Bottle dispenser of 120 wipes
- Wipe size: 13 x 20 cm

Clinet® 202

Disinfecting wipes in individual pack

- Bactericidal/Fungicidal/Virucidal
- Ideal for laboratories, hospitals, sample takers, traveling, daily hygiene
- Hypoallergenic, with chlorexidine digluconate
- Individual pack, by pack of 100
- Wipe size: 26 x 18 cm

Clinet® 303

Bactericidal and fungicidal spray ready to use

- Bactericidal/Fungicidal
- Ideal for large surfaces, bench tops, floors, rough or uneven surfaces, inaccessible areas...
- Alcohol-based preparation of glutaraldehyde, glyoxal and dimethyl-didecyl ammonium chloride
- Spray bottle, no rinsing necessary
- Capacity: 1 liter

Clinet® 404 SaniFood®

Disinfecting wipes for food environment

- Bactericidal/Levuricidal
- For food industry professionals: disinfection of all surfaces and materials in contact with food
- Alcoholic solution (ethanol 48% v/v) and water
- Bottle dispenser of 70 wipes
- Wipe size: 20 x 20 cm

Applications

- Laboratory: lab equipment, glassware, benchtops, small instruments…
- Food production sites

Advantages

- Disinfection without rinsing
- All surfaces
- Multi-use
- Bactericidal/Fungicidal/Virucidal

Technical specifications

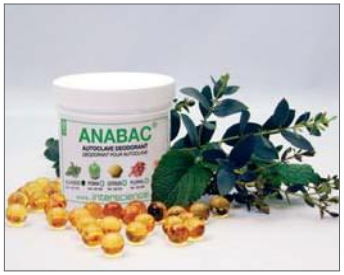
Clinet®	101	202	303	404 SaniFood	Anti-algae
Volume	120 wipes	Individual	1 L	70 wipes	1 L
Box of	6	100	6	12	1
Reference	310 101	310 202	310 303	310 404	310 400

Discover also

Clinet® Anti-Algae
For laboratory water baths
ref. 310 400

Anabac® Autoclave deodorant

Anabac® provides a nice and fresh perfume in the lab after autoclaving.
Choose between 5 fragrances!



Classic
Strong fragrance
Mint and eucalyptus extracts

Poma
Fresh fragrance
Apple extracts

Citrus
Tonic fragrance
Lemon extracts

Floral
Spring fragrance
Flower extracts

Peach
Sweet fragrance
Peach extracts

Fresh perfume in your lab!

The autoclave smells bad.

Drop 1 capsule in the autoclave water or in a recipient with water.

The air is purified with Anabac®

Applications

- Your work environment is nicely perfumed
- Melts without residue and has no effect on the disinfection process of the autoclave

Advantages

- Work comfort
- Compatible with any autoclave
- Totally safe for autoclaving
- French perfume
- 100% biodegradable

Technical specifications

Anabac®	Classic	Poma	Citrus	Floral	Peach
Pot of	100	100	100	100	100
Reference	320 100	320 200	320 300	320 400	320 500

Autoclavable deodorant

Hygiene & security

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Product specifications

Order by pallet to save money

STERILE BAGS	Reference	Qty per box	Sterile by	Nominal vol.	Useful vol.	Box dim.	Gross weight
BagFilter®: sterile side filter blender bags							
BagFilter® 400 P (x10)	**111 410**	500	10	400 mL	50 - 300 mL	35 x 22 x 15 cm	5.8 kg
BagFilter® 400 P (x25)	**111 425**	500	25	400 mL	50 - 300 mL	35 x 22 x 15 cm	5.0 kg
BagFilter® 400 P non-marked	**111 000**	500	25	400 mL	50 - 300 mL	35 x 22 x 15 cm	5.0 kg
BagFilter® 400 S (x10)	**112 410**	500	10	400 mL	50 - 300 mL	35 x 22 x 15 cm	5.4 kg
BagFilter® 400 S (x25)	**112 425**	500	25	400 mL	50 - 300 mL	35 x 22 x 15 cm	5.0 kg
BagFilter Pull-Up® (x25)	**111 625**	500	25	400 mL	50 - 300 mL	34 x 22 x 12 cm	5.3 kg
BagFilter® 3500 P	**113 510**	100	10	3500 mL	200 - 3500 mL	41 x 33.5 x 11 cm	4.2 kg
BagPage®: sterile full-page filter blender bags							
BagPage® 80	**120 825**	500	25	80 mL	5 - 40 mL	34 x 22 x 12 cm	2 kg
BagPage® 100	**121 025**	500	25	100 mL	5 - 40 mL	34 x 22 x 12 cm	2 kg
BagPage® + 400 (x10)	**122 010**	500	10	400 mL	50 - 300 mL	34 x 22 x 26 cm	6 kg
BagPage® + 400 (x25)	**122 025**	500	25	400 mL	50 - 300 mL	34 x 22 x 26 cm	5.7 kg
BagPage® + 400 non-marked	**122 000**	500	25	400 mL	50 - 300 mL	34 x 22 x 26 cm	6 kg
BagPage® 400 F	**122 325**	500	25	400 mL	50 - 300 mL	34 x 22 x 26 cm	6 kg
BagPage® 400 R	**161 025**	500	25	400 mL	50 - 300 mL	34 x 22 x 26 cm	6 kg
BagPage® 400 U	**122 225**	500	25	400 mL	50 - 300 mL	34 x 22 x 26 cm	6 kg
BagPage® 400 XR	**122 425**	400	25	400 mL	50 - 300 mL	34 x 22 x 26 cm	6.5 kg
BagPage® + 3500	**123 010**	100	10	3500 mL	200 - 3500 mL	41 x 33.5 x 11 cm	4.2 kg
BagLight®: plain blender bags							
BagLight® 100	**131 025**	500	25	100 mL	5 - 50 mL	35 x 24 x 9 cm	1.7 kg
BagLight® 400 PolySilk®	**132 025**	1000	25	400 mL	50 - 300 mL	35 x 21 x 11 cm	8 kg
BagLight® 400 HD PolySilk®	**132 325**	1000	25	400 mL	50 - 300 mL	35 x 21 x 11 cm	8 kg
BagLight® 400 Multilayer®	**132 225**	500	25	400 mL	50 - 300 mL	35 x 21 x 11 cm	5 kg
BagLight® 400 Multilayer® U	**132 125**	500	25	400 mL	50 - 300 mL	35 x 21 x 11 cm	5 kg
BagLight® 3500	**133 025**	500	25	3500 mL	200 - 3500 mL	44.5 x 25 x 35 cm	16 kg
RollBag®: sampling blender bags							
RollBag® 450	**145 010**	1000	1	450 mL	5 - 50 mL	34 x 28 x 11 cm	4.5 kg
RollBag® 1300	**145 040**	500	1	1300 mL	50 - 300 mL	34 x 28 x 11 cm	4.2 kg

GRAVIMETRIC DILUTORS	Reference	Qty per box	Specifications	Box dim.	Gross weight
BabyGravimat®: gravimetric dilutor & accessories					
BabyGravimat® single pump	**500 230**	1	Single pump gravimetric dilutor	52 x 52 x 38 cm	13.2 kg
BabyGravimat® double pump	**502 230**	1	Double pump gravimetric dilutor	52 x 52 x 38 cm	14.8 kg
Foot pedal	**507 008**	1	For hand-free operation	15 x 10 x 10 cm	0.15 kg
Dispensing assembly	**513 003**	1	Set of silicone tubings + stainless steel tube + filter + nozzle	39 x 27 x 15 cm	0.7 kg
Silicone tubing	**513 004**	5	Set of 5 dispensing tubings	39 x 27 x 15 cm	0.9 kg
Air filter	**513 007**	5	Autoclavable 0.2 µm PTFE filter	26 x 21 x 11 cm	0.5 kg
Adjustable dispensing arm	**513 014**	1	For use with other containers	34 x 22 x 12 cm	0.8 kg
Silicone stopper	**513 018**	1	Silicone stopper for bottle	12 x 10 x 8 cm	0.030 kg
Gravimat®: gravimetric dilutor & accessories					
Gravimat® single pump	**510 230**	1	Single pump gravimetric dilutor	56 x 42 x 42 cm	18.5 kg

GRAVIMETRIC DILUTORS	Reference	Qty per box	Specifications	Box dim.	Gross weight
Gravimat® single pump (5 kg)	**510 235**	1	Single pump + 5 kg weighing cell gravimetric dilutor	56 x 42 x 42 cm	18.5 kg
Gravimat® single pump (600 g)	**510 236**	1	Single pump + 600 g weighing cell gravimetric dilutor	56 x 42 x 42 cm	18.5 kg
Gravimat® double pump	**512 230**	1	Double pump gravimetric dilutor	69 x 58 x 58 cm	25 kg
Gravimat® double pump (5 kg)	**512 235**	1	Double pump + 5 kg weighing cell gravimetric dilutor	69 x 58 x 58 cm	25 kg
Gravimat® double pump (600 g)	**512 236**	1	Double pump + 600 g weighing cell gravimetric dilutor	69 x 58 x 58 cm	25 kg
Booster kit	**511 000**	1	Booster pump + 1 dispensing assembly "Y" (513 006)	39 x 17 x 15 cm	1.1 kg
Dispensing arm	**513 002**	1	For operation in air-flow cabinet	33 x 10 x 10 cm	0.4 kg
Dispensing assembly for booster kit	**513 006**	1	Set of silicone tubings + GL45 screw cap + tube weight + filter + nozzle +"Y"	39 x 27 x 15 cm	0.7 kg
Small dispensing assembly for booster kit	**513 008**	1	Set of small silicone tubings + GL45 screw cap + tube weight + filter + nozzle +"Y"	39 x 27 x 15 cm	0.7 kg
Small silicone tubing for booster	**513 009**	5	Set of 5 dispensing small tubings + "Y"	39 x 27 x 15 cm	0.9 kg
Silicone tubings for booster kit	**513 010**	5	Set of 5 dispensing tubings + "Y"	39 x 27 x 15 cm	0.9 kg
Pump silicone tubings for booster kit	**513 019**	5	Set of 5 silicone tubings for peristaltic pump (20 cm each) + "Y"	26 x 21 x 11 cm	0.2 kg
Dispensing assembly for Ø 4.8 mm	**513 021**	1	Set of silicone tubings Ø 4.8 mm + tube weight + filter + nozzle	26 x 21 x 11 cm	0.8 kg
Tubing set Ø 4.8 mm	**513 022**	5	Set of 5 dispensing tubings	39 x 27 x 15 cm	1 kg
Set of 5 autoclavable filters (0.2 µm)	**513 023**	5	Set of 5 autoclavable filters (0.2 µm)	12 x 10 x 8 cm	0.2 kg
Small bags stand kit	**514 001**	1	Stand and base for 80 mL and 100 mL blender bags	39 x 21 x 15 cm	1.1 kg
BagOpen® 100	**514 010**	1	Stand for 80 mL and 100 mL bags	34 x 22 x 12 cm	0.6 kg
BagOpen® 3500	**514 350**	1	Stand for 3500 mL bags	46 x 41 x 16 cm	1.2 kg
Barcode reader	**522 000**	1	Barcode reader	39 x 27 x 15 cm	1 kg
BabyGravimat® & Gravimat®: accessories					
Bottle	**513 001**	1	5 L autoclavable bottle	37 x 35 x 25 cm	2.5 kg
500 g calibrated weight	**513 005**	1	500 g COFRAC calibrated weight, type F1	25 x 10 x 10 cm	0.8 kg
Set of silicone tubings for pump	**513 011**	5	Set of 5 silicone tubings for pump part (20 cm each)	26 x 21 x 11 cm	0.2 kg
Dispensing platform	**513 012**	1	Dispensing platform for distribution	15 x 15 x 6 cm	0.4 kg
Stand for broth bags	**513 013**	1	Integrated stand for broth bags	56 x 42 x 42 cm	3 kg
Independent double bag stand	**513 015**	1	Independent stand for broth bags	59 x 37 x 29 cm	2.5 kg
Special bag dispensing assembly	**513 016**	1	Set of silicone tubing + trocar	26 x 21 x 11 cm	0.1 kg
Pump head	**513 017**	1	Peristaltic pump head (Watson Marlow®)	15 x 15 x 6 cm	0.4 kg
Trocar	**513 020**	1	Trocar for broth bags	12 x 10 x 8 cm	0.1 kg
Set of 5 stainless steel nozzle	**513 024**	5	Set of 5 stainless steel nozzle	15 x 15 x 6 cm	0.2 kg
BagOpen® 400	**514 040**	1	Stand for 400 mL bags	34 x 22 x 12 cm	0.6 kg
Printer	**521 000**	1	Thermal printer + 2 paper rolls	37 x 35 x 25 cm	4 kg
Printer sticker	**521 012**	2	Sticker roll for printer	20 x 10 x 10 cm	1.2 kg
Printer paper	**521 110**	2	Thermal paper roll for printer	25 x 10 x 10 cm	1.5 kg

LAB BLENDERS	Reference	Qty per box	Specifications	Box dim.	Gross weight
MiniMix® 100: 100 mL lab blenders					
MiniMix® 100 P CC®	**011 230**	1	Plain door, adjustable speed, Click & Clean® paddles	48.5 x 28.5 x 30 cm	13.4 kg
MiniMix® 100 W CC®	**013 230**	1	Window door, adjustable speed, drip tray, Click & Clean® paddles	48.5 x 28.5 x 30 cm	13.4 kg
BagMixer® 400: 400 mL lab blenders					
BagMixer® 400 P	**021 230**	1	Plain door	48 x 33.5 x 33.5 cm	18.6 kg
BagMixer® 400 W	**022 230**	1	Window door, drip tray	48 x 33.5 x 33.5 cm	18.8 kg
BagMixer® 400 VW	**023 230**	1	Window door, adjustable speed, adjustable paddles, drip tray	48 x 33.5 x 33.5 cm	18.4 kg
BagMixer® 400 CC®	**024 230**	1	Window door, adjustable speed, adjustable paddles, drip tray, Click & Clean® paddles	48 x 33.5 x 33.5 cm	16.2 kg
JumboMix® 3500: 3500 mL lab blenders					
JumboMix® 3500 P	**031 230**	1	Plain door, digital screen, adjustable speed, adjustable paddles	60.5 x 56.5 x 55 cm	60.2 kg

LAB BLENDERS	Reference	Qty per box	Specifications	Box dim.	Gross weight
JumboMix® 3500 VW	**032 230**	1	Window door, digital screen, adjustable speed, adjustable paddles, drip tray	60.5 x 56.5 x 55 cm	57.6 kg
JumboMix® 3500 WarmMix®	**033 230**	1	Plain door, digital screen, adjustable speed, adjustable paddles, regulated temperature up to 50°C	60.5 x 56.5 x 55 cm	61 kg
Table for JumboMix®	**037 000**	1	Ergonomic table for JumboMix® 3500	60 x 52 x 26 cm	16 kg

ACCESSORIES	Reference	Qty per box	Specifications	Box dim.	Gross weight
BagTools®: laboratory accessories					
DripTray MiniMix®	**016 000**	1	Stainless steel security drip tray for MiniMix®	17.5 x 10 x 2 cm	0.2 kg
DripTray BagMixer® 400	**026 000**	1	Stainless steel security drip tray for BagMixer® 400	23 x 12 x 2.3 cm	330 g
DripTray JumboMix®	**036 000**	1	Stainless steel security drip tray for JumboMix®	46 x 12.5 x 2.5 cm	0.6 kg
DripTray BagRack® 400	**221 042**	1	Stainless steel security drip tray for BagRack® 400	36 x 22.2 x 3 cm	880 g
BagOpen® 80 / 100	**211 010**	1	80 mL and 100 mL bag opener/holder	9 x 4 x 19 cm	0.2 kg
BagOpen® 400	**211 040**	1	400 mL bag opener/holder	10 x 8 x 25 cm	0.4 kg
BagOpen® 3500	**211 350**	1	3500 mL bag opener/holder	32 x 17 x 25 cm	1.6 kg
BagRack® 80 / 100	**221 010**	1	Stainless steel stackable storage rack for 11 bags of 80/100 mL	28 x 15 x 16 cm	0.8 kg
BagRack® 400	**221 040**	1	Stainless steel stackable storage rack for 10 bags of 400 mL	36 x 23 x 22 cm	1.4 kg
BagRack® 3500 - 4 compartments	**221 350**	1	Stainless steel stackable storage rack for 4 bags of 3500 mL	51 x 41 x 42 cm	3.5 kg
BagRack® 3500 - 2 compartments	**221 352**	1	Stainless steel stackable storage rack for 2 bags of 3500 mL	42 x 23 x 21 cm	1.5 kg
BagClip® 80 / 100	**231 010**	50	Closing clips 13 cm (for 80 mL and 100 mL bags)	18 x 14 x 7 cm	0.6 kg
BagClip® 400	**231 040**	50	Closing clips 19.5 cm (for 400 mL bags)	24 x 17 x 8 cm	0.7 kg
BagClip® 3500	**231 350**	50	Closing clips 39.5 cm (for 3500 mL bags)	50 x 21 x 6 cm	1.4 kg
PetriPile® 55	**241 055**	1	Stainless steel storage rack for 36 Petri dishes of ø 55 mm	29 x 23 x 15 cm	1 kg
PetriPile® 65	**241 065**	1	Stainless steel storage rack for 36 Petri dishes of ø 65 mm	31 x 23 x 15 cm	1 kg
PetriPile® 90	**241 090**	1	Stainless steel storage rack for 36 Petri dishes of ø 90 mm	39 x 27 x 15 cm	1.2 kg
PetriPile® 150	**241 150**	1	Stainless steel storage rack for 16 Petri dishes of ø 150 mm	38 x 37 x 16 cm	1.2 kg
BagPipet®	**251 091**	1	Autoclavable pipet with fixed volume: 0.1 mL/0.9 mL/1 mL with BagTips®	31 x 10 x 6 cm	0.3 kg
BagTips® Regular	**252 019**	1000	Sterile rigid straw radiosterilized by 25 (19 cm)	27 x 23 x 12 cm	1.2 kg
BagTips® Jumbo	**252 024**	1000	Sterile rigid straw radiosterilized by 25 (24 cm)	27 x 23 x 12 cm	1.5 kg
BagSeal® 400	**261 000**	1	Thermal sealing unit for 400 mL bags	34 x 29 x 27 cm	10.5 kg

DISPENSING PUMPS	Reference	Qty per box	Specifications	Box dim.	Gross weight
Flexi*Pump*®: Peristaltic pumps for culture media preparation					
Flexi*Pump*®	**561 000**	1	Liquid dispensing pump. Single pump head	50 x 40 x 40 cm	9 kg
Flexi*Pump*® Pro	**562 000**	1	Liquid dispensing pump. Low pulsation double pump head	50 x 40 x 40 cm	9.3 kg
Flexi*Pump*®: accessories					
Foot pedal	**507 008**	1	For hand-free operation	15 x 10 x 10 cm	0.15 kg
Silicone tubes for pump inner ø 4.8 mm	**513 011**	5	5 sets of silicone tubes for pump part (20 cm each). inner ø 4.8 mm	26 x 21 x 11 cm	0.28 kg
Independent double bag stand	**513 015**	1	Independent stand for broth bags	59 x 37 x 29 cm	2.5 kg
Pump head	**513 017**	1	Peristaltic pump head (Watson Marlow®)	15 x 15 x 6 cm	0.4 kg
Trocar	**513 020**	1	Trocar for broth bags	12 x 10 x 8 cm	0.1 kg
Set of 5 autoclavable filters (0.2 µm)	**513 023**	5	Set of 5 autoclavable filters (0.2 µm)	12 x 10 x 8 cm	0.2 kg
Set of 5 stainless steel nozzle	**513 024**	5	Set of 5 stainless steel nozzle	15 x 15 x 6 cm	0.2 kg
Printer	**521 000**	1	Thermal printer + 2 paper rolls	37 x 35 x 25 cm	4 kg
Printer sticker	**521 012**	2	Sticker roll for printer	20 x 10 x 10 cm	1.2 kg
Printer paper	**521 110**	2	Thermal paper roll for printer	25 x 10 x 10 cm	1.5 kg
Handy gun	**561 001**	1	Dispensing control with handy gun including electronic start button	15 x 15 x 5 cm	0.1 kg
Adjustable dispensing arm	**561 002**	1	For use with other containers	34 x 22 x 12 cm	0.6 kg

DISPENSING PUMPS	Reference	Qty per box	Specifications	Box dim.	Gross weight
Dispensing assembly inner ø 1.6 mm	**561 101**	1	Set of silicone tubings inner ø 1.6 mm + GL45 screw cap + tube weight + nozzle + filter	39 x 27 x 15 cm	0.2 kg
Dispensing assembly inner ø 3.2 mm	**561 102**	1	Set of silicone tubings inner ø 3.2 mm + GL45 screw cap + tube weight + nozzle + filter	39 x 27 x 15 cm	0.2 kg
Dispensing assembly inner ø 4.8 mm	**561 103**	1	Set of silicone tubings inner ø 4.8 mm + GL45 screw cap + tube weight + nozzle + filter	39 x 27 x 15 cm	0.2 kg
Dispensing assembly inner ø 6.4 mm	**561 104**	1	Set of silicone tubings inner ø 6.4 mm + GL45 screw cap + tube weight + nozzle + filter	39 x 27 x 15 cm	0.2 kg
Dispensing assembly inner ø 8 mm	**561 105**	1	Set of silicone tubings inner ø 8 mm + GL45 screw cap + tube weight + nozzle + filter	39 x 27 x 15 cm	0.2 kg
Silicone tubing inner ø 1.6 mm	**561 201**	5	5 sets of dispensing tubings inner ø 1.6 mm with plastic connectors	39 x 27 x 15 cm	0.9 kg
Silicone tubing inner ø 3.2 mm	**561 202**	5	5 sets of dispensing tubings inner ø 3.2 mm with plastic connectors	39 x 27 x 15 cm	0.9 kg
Silicone tubing inner ø 4.8 mm	**561 203**	5	5 sets of dispensing tubings inner ø 4.8 mm with plastic connectors	39 x 27 x 15 cm	0.9 kg
Silicone tubing inner ø 6.4 mm	**561 204**	5	5 sets of dispensing tubings inner ø 6.4 mm with plastic connectors	39 x 27 x 15 cm	0.9 kg
Silicone tubing inner ø 8 mm	**561 205**	5	5 sets of dispensing tubings inner ø 8 mm with plastic connectors	39 x 27 x 15 cm	0.9 kg
Silicone tubes for pump inner ø 1.6 mm	**561 301**	5	5 sets of silicone tubes for pump part (20 cm each). inner ø 1.6 mm	26 x 21 x 11 cm	0.2 kg
Silicone tubes for pump inner ø 3.2 mm	**561 302**	5	5 sets of silicone tubes for pump part (20 cm each). inner ø 3.2 mm	26 x 21 x 11 cm	0.2 kg
Silicone tubes for pump inner ø 6.4 mm	**561 304**	5	5 sets of silicone tubes for pump part (20 cm each). inner ø 6.4 mm	26 x 21 x 11 cm	0.2 kg
Silicone tubes for pump inner ø 8 mm	**561 305**	5	5 sets of silicone tubes for pump part (20 cm each). inner ø 8 mm	26 x 21 x 11 cm	0.2 kg
Dispensing assembly + "Y" inner ø 1.6 mm	**562 101**	1	Set of silicone tubings inner ø 1.6 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"	39 x 27 x 15 cm	0.2 kg
Dispensing assembly + "Y" inner ø 3.2 mm	**562 102**	1	Set of silicone tubings inner ø 3.2 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"	39 x 27 x 15 cm	0.2 kg
Dispensing assembly + "Y" inner ø 4.8 mm	**562 103**	1	Set of silicone tubings inner ø 4.8 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"	39 x 27 x 15 cm	0.2 kg
Dispensing assembly + "Y" inner ø 6.4 mm	**562 104**	1	Set of silicone tubings inner ø 6.4 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"	39 x 27 x 15 cm	0.2 kg
Dispensing assembly + "Y" inner ø 8 mm	**562 105**	1	Set of silicone tubings inner ø 8 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"	39 x 27 x 15 cm	0.2 kg
Silicone tubing + "Y" inner ø 1.6 mm	**562 201**	5	5 sets of dispensing tubings inner ø 1.6 mm with plastic connectors "Y"	39 x 27 x 15 cm	0.9 kg
Silicone tubing + "Y" inner ø 3.2 mm	**562 202**	5	5 sets of dispensing tubings inner ø 3.2 mm with plastic connectors "Y"	39 x 27 x 15 cm	0.9 kg
Silicone tubing + "Y" inner ø 4.8 mm	**562 203**	5	5 sets of dispensing tubings inner ø 4.8 mm with plastic connectors "Y"	39 x 27 x 15 cm	0.9 kg
Silicone tubing + "Y" inner ø 6.4 mm	**562 204**	5	5 sets of dispensing tubings inner ø 6.4 mm with plastic connectors "Y"	39 x 27 x 15 cm	0.9 kg
Silicone tubing + "Y" inner ø 8 mm	**562 205**	5	5 sets of dispensing tubings inner ø 8 mm with plastic connectors "Y"	39 x 27 x 15 cm	0.9 kg

AUTOMATIC PLATERS	Reference	Qty per box	Specifications	Box dim.	Gross weight
Spiral® System: easySpiral® diluter/plater					
easy**Spiral®**	**412 000**	1	Spiral® plater	60 x 50 x 55 cm	25 kg
easy**Spiral® Pro**	**413 000**	1	Spiral® plater with USB port	60 x 50 x 55 cm	25 kg
easy**Spiral** Dilute®	**414 000**	1	Spiral® diluter and plater with USB port	60 x 50 x 55 cm	25 kg
Spiral® System: accessories					
Housing protection	**413 001**	1	Transparent housing for working outside laminar flow	59 x 37 x 29 cm	3 kg
2 L bottle	**413 002**	1	2 L GL45 glass bottle	37 x 37 x 37 cm	5 kg
Connection set for GL45 bottle	**413 003**	1	Autoclavable connection set for GL45 bottle	12 x 10 x 8 cm	0.2 kg
Syringe	**413 004**	1	Syringe (capacity 1000 µL)	25 x 10 x 10 cm	0.2 kg
Micro pump	**413 005**	1	Internal micro pump	12 x 10 x 8 cm	0.3 kg
Silicone tubing kit	**413 006**	1	Silicone tubing with filter for cleaning pump	12 x 10 x 8 cm	0.2 kg
Maintenance kit	**413 007**	1	1 stylus, 1 syringe, 1 silicone tubing, 1 grease tube, 2 filters for pump	25 x 20 x 10 cm	2 kg
Stylus	**414 001**	1	Stylus 1 mL	25 x 10 x 10 cm	0.5 kg
90 mm counting grid	**413 014**	1	Counting grid for ø 90 mm Petri dishes	25 x 10 x 10 cm	0.3 kg
150 mm counting grid	**413 015**	1	Counting grid for ø 150 mm Petri dishes	25 x 20 x 10 cm	0.3 kg
Eppendorf™ support 0.5 mL	**413 016**	1	Support for Eppendorf™ sample intake 0.5 mL	12 x 10 x 8 cm	0.2 kg
Eppendorf™ support 1.5 mL and 2 mL	**413 017**	1	Support for Eppendorf™ sample intake 1.5 mL and 2 mL	12 x 10 x 8 cm	0.2 kg
Dilucup™ support	**413 018**	1	Support for Dilucup™ sample intake	12 x 10 x 8 cm	0.2 kg
90/150 mm plate adaptor	**413 019**	1	Multiadaptable support for Petri dishes of 90 to 150 mm	25 x 10 x 10 cm	0.3 kg
55/65 mm plate adaptor	**413 020**	1	Multiadaptable support for Petri dishes of 55 to 65 mm	25 x 10 x 10 cm	0.3 kg

AUTOMATIC PLATERS	Reference	Qty per box	Specifications	Box dim.	Gross weight
Ø 90 mm circle mode counting grid	**413 026**	1	Circle mode counting grid for ø 90 mm Petri dish	25 x 20 x 10 cm	0,3 kg
Ø 150 mm circle mode counting grid	**413 026**	1	Circle mode counting grid for ø 150 mm Petri dish	25 x 20 x 10 cm	0,3 kg
Spiral® DB 50 beakers	**415 100**	1 000	1 000 sterile beakers for Spiral® plater (5 mL)	34 x 22 x 12 cm	1.5 kg
Liquid detergent	**415 510**	1	DET 500 detergent (125 mL)	12 x 10 x 8 cm	0.2 kg
Blue dye	**415 530**	1	Color dye for Spiral® tests (125 mL)	12 x 10 x 8 cm	0.2 kg
Set of 5 autoclavable filters (0.2 µm)	**513 023**	5	Set of 5 autoclavable filters (0.2 µm)	12 x 10 x 8 cm	0.2 kg
Barcode reader	**522 000**	1	Barcode reader	39 x 17 x 8 cm	1 kg

COLONY COUNTERS	Reference	Qty per box	Specifications	Box dim.	Gross weight
Scan®: colony counters					
Scan® 100	**435 000**	1	Manual colony counter	49 x 39 x 39 cm	8 kg
Scan® 300	**436 300**	1	Automatic colony counter	49 x 39 x 39 cm	10 kg
Scan® 500	**436 000**	1	Automatic colony counter	49 x 39 x 39 cm	10 kg
Scan® 1200	**437 000**	1	High definition automatic colony counter	42 x 42 x 56 cm	13 kg
Scan®: accessories					
Magnifying lens on flexible arm	**435 001**	1	2 magnifying lens + 1 flexible arm for Scan® 100	26 x 16.5 x 10.5 cm	0.8 kg
All media adapter	**435 002**	1	Adapter for Petrifilm™, RIDA™ Count/Sanita-kun™, Compact Dry™	16.5 x 16 x 6.5 cm	0.25 kg
Spiral® DS grids	**435 010**	1	1 transparent and 1 white diffusing background counting grids - 90 mm and 150 mm	16.5 x 16 x 6.5 cm	0.13 kg
Wolffhuegel grid	**435 020**	1	Wolffhuegel transparent and white counting grid	16.5 x 16 x 6.5 cm	0.1 kg
easySpiral® grids 90 mm	**435 030**	1	1 transparent and 1 white diffusing background counting grids	16.5 x 16 x 6.5 cm	0.1 kg
easySpiral® grids 150 mm	**435 035**	1	1 transparent and 1 white diffusing background counting grids	16.5 x 16 x 6.5 cm	0.1 kg
RIDA™ Count / Sanita-kun™ adapter	**436 001**	1	Adapter for RIDA COUNT™ and Sanita-kun™	25 x 15 x 10 cm	0.2 kg
Petrifilm™ adapter	**436 002**	1	Adapter for Petrifilm™	25 x 15 x 10 cm	0.2 kg
Compact Dry™ adapter	**436 004**	1	Adapter for Compact Dry™	25 x 15 x 10 cm	0.2 kg
Adapter for 55 mm dishes	**436 005**	1	Adapter for dishes of ø 55 mm	25 x 15 x 10 cm	0.2 kg
Barcode reader	**522 000**	1	Barcode reader	39 x 17 x 8 cm	1 kg

DISINFECTION	Reference	Qty per box	Specifications	Box dim.	Gross weight
Clinet®: disinfectants					
Clinet® 101	**310 101**	6	Chlorexidine disinfecting wipes, 6 dispensers of 120 disinfecting wipes	26 x 18 x 18 cm	2 kg
Clinet® 202	**310 202**	100	Chlorexidine disinfecting wipes, individually packed	26 x 22 x 11 cm	1.3 kg
Clinet® 303	**310 303**	6	Disinfecting spray, 6 bottles of 1 L - delivered with 3 triggers	28 x 19 x 28 cm	6.4 kg
Clinet® anti-algae	**310 400**	1	Algae inhibiting liquid (1 L)	31 x 22 x 7 cm	1.1 kg
Clinet® 404 SaniFood®	**310 404**	12	Disinfecting wipes for food contact, 12 dispensers of 70 wipes	39 x 30 x 18 cm	5 kg

DEODORANT	Reference	Qty per box	Specifications	Box dim.	Gross weight
Anabac®: autoclave deodorants					
Anabac® Classic	**320 100**	100	Box of 100 capsules (fragrance: mint/eucalyptus)	12 x 10 x 8 cm	160 g
Anabac® Poma	**320 200**	100	Box of 100 capsules (fragrance: apple)	12 x 10 x 8 cm	160 g
Anabac® Citrus	**320 300**	100	Box of 100 capsules (fragrance: lemon)	12 x 10 x 8 cm	160 g
Anabac® Floral	**320 400**	100	Box of 100 capsules (fragrance: flower)	12 x 10 x 8 cm	160 g
Anabac® Peach	**320 500**	100	Box of 100 capsules (fragrance: peach)	12 x 10 x 8 cm	160 g

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